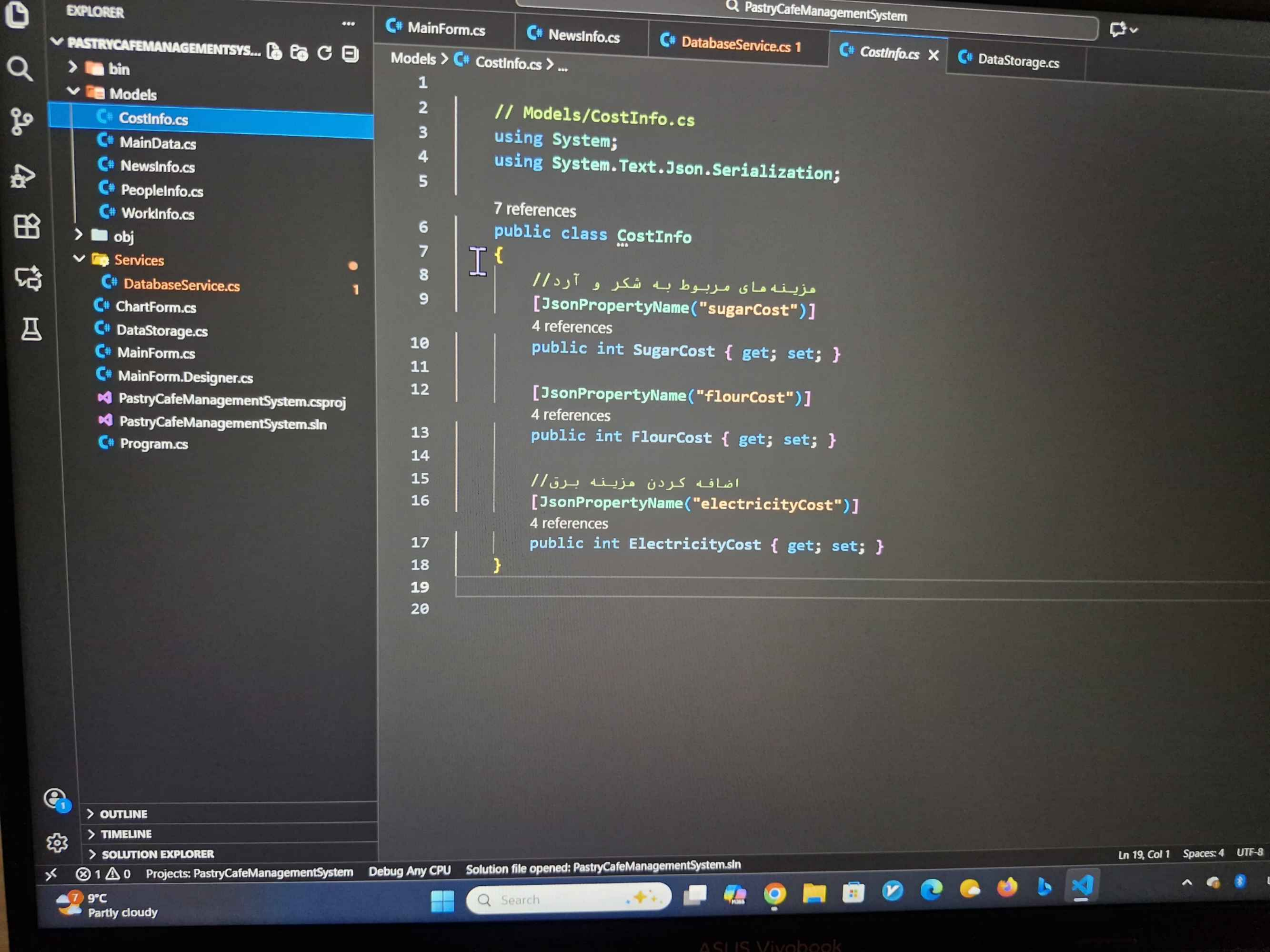




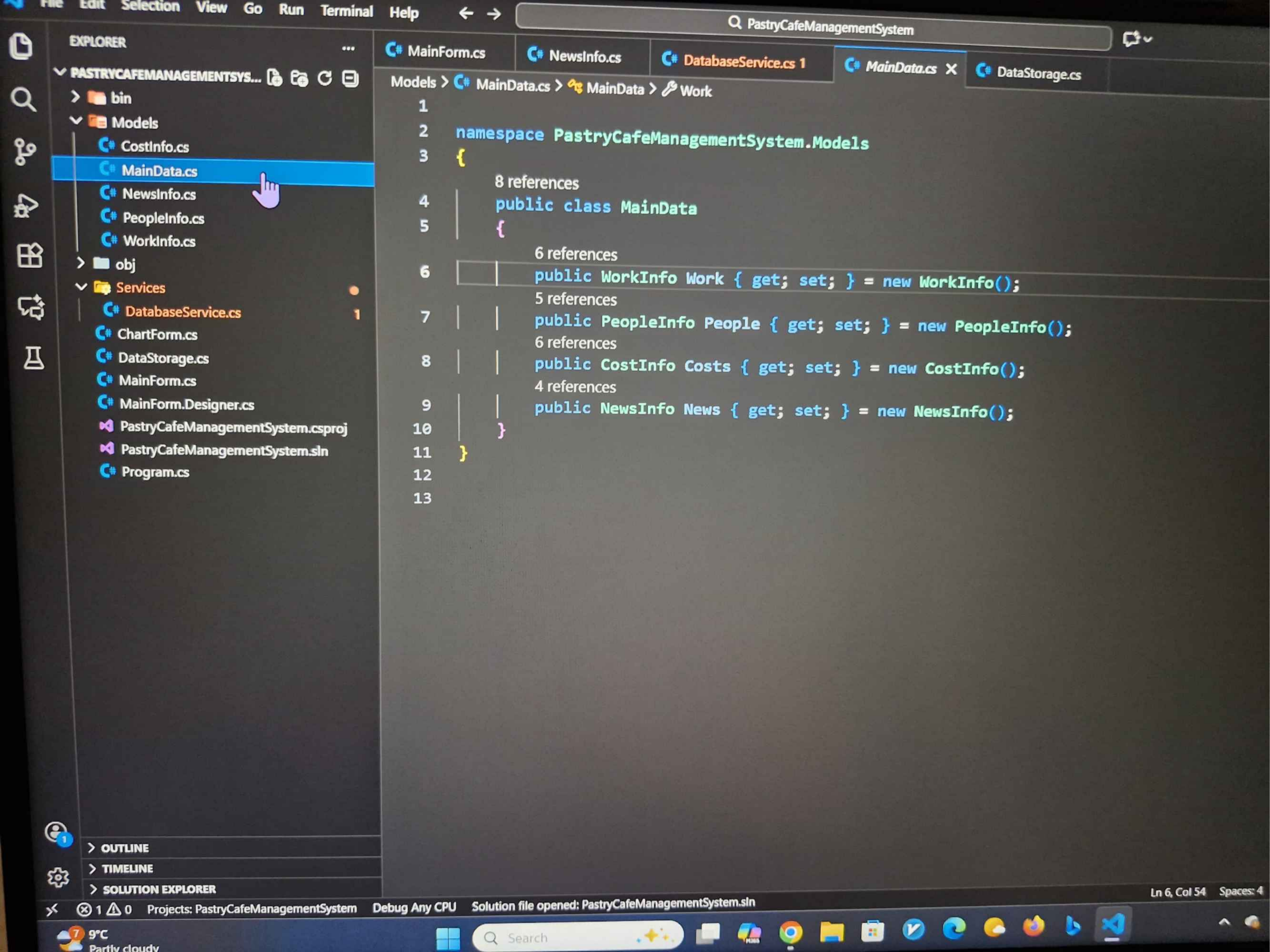
PastryCafeManagementSystem

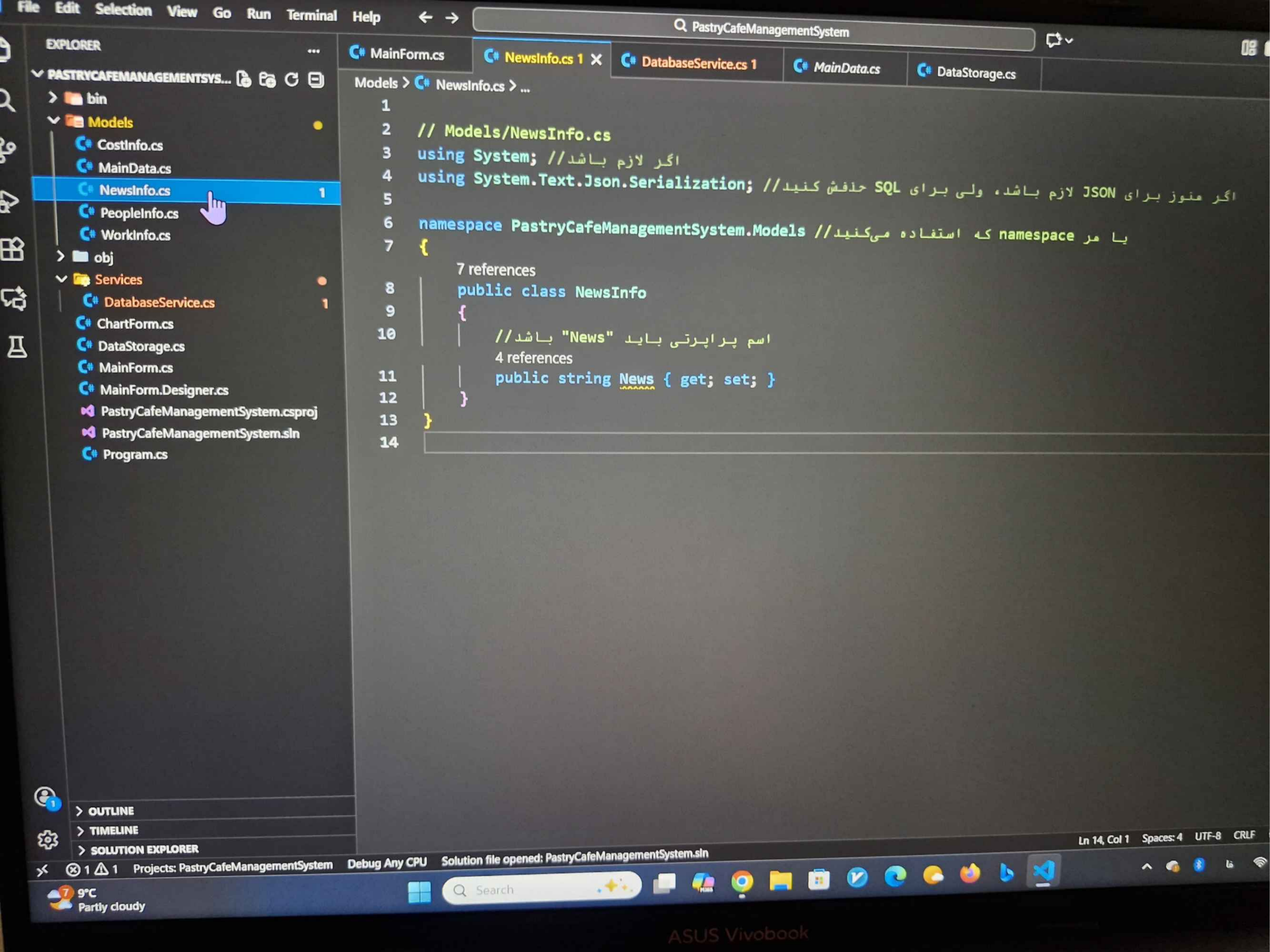
MainForm.cs NewsInfo.cs DatabaseService.cs 1 CostInfo.cs X DataStorage.cs

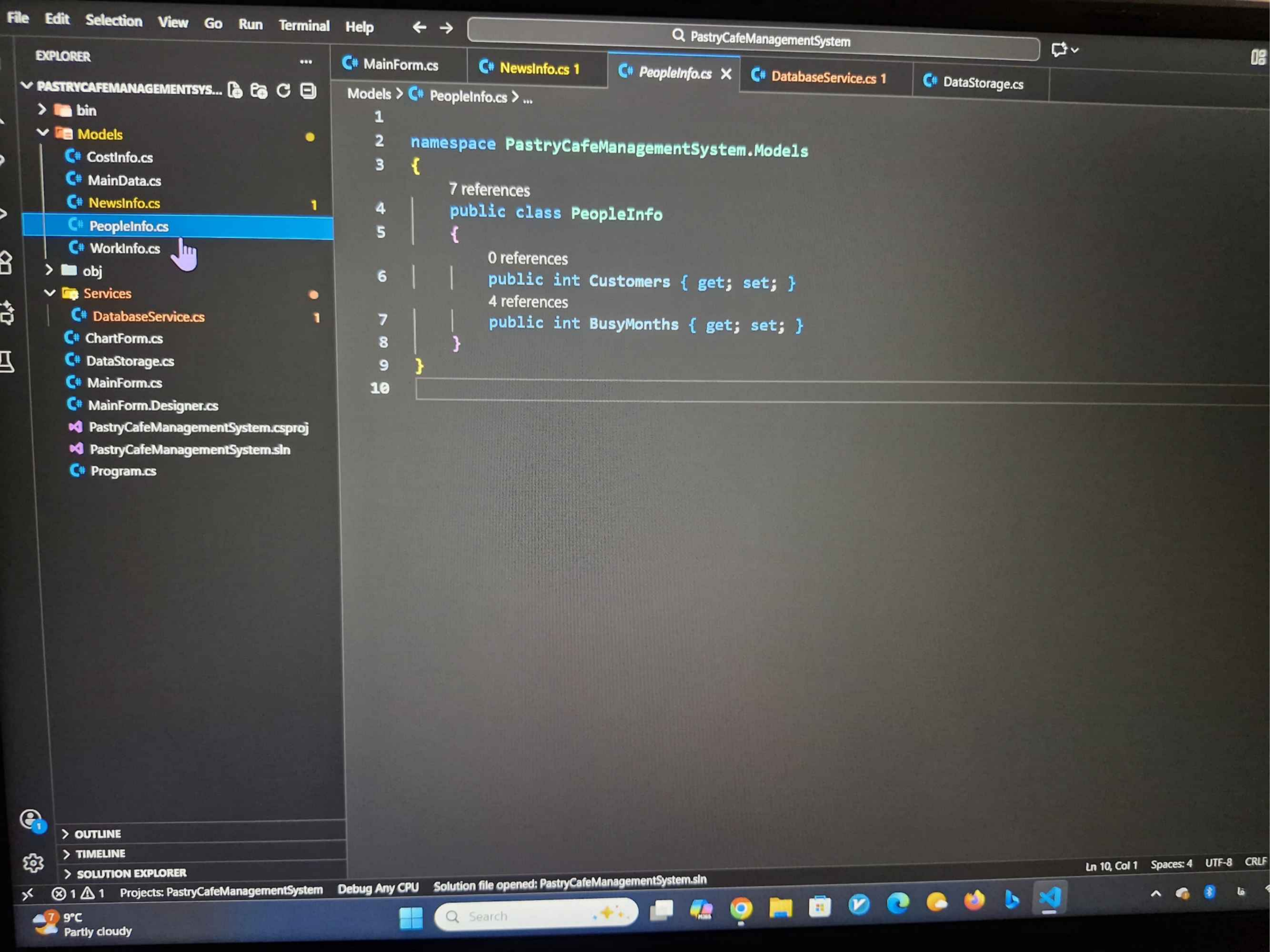
```
Models > CostInfo.cs > ...
1
2 // Models/CostInfo.cs
3 using System;
4 using System.Text.Json.Serialization;
5
6 7 references
7 public class CostInfo
8 {
9     // مزینه های مربوط به شکر و آرد
10    [JsonPropertyName("sugarCost")]
11    4 references
12    public int SugarCost { get; set; }
13
14    [JsonPropertyName("flourCost")]
15    4 references
16    public int FlourCost { get; set; }
17
18    // اضافه کردن هزینه برق
19    [JsonPropertyName("electricityCost")]
20    4 references
21    public int ElectricityCost { get; set; }
22 }
```

- > OUTLINE
- > TIMELINE
- > SOLUTION EXPLORER

1 0 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln



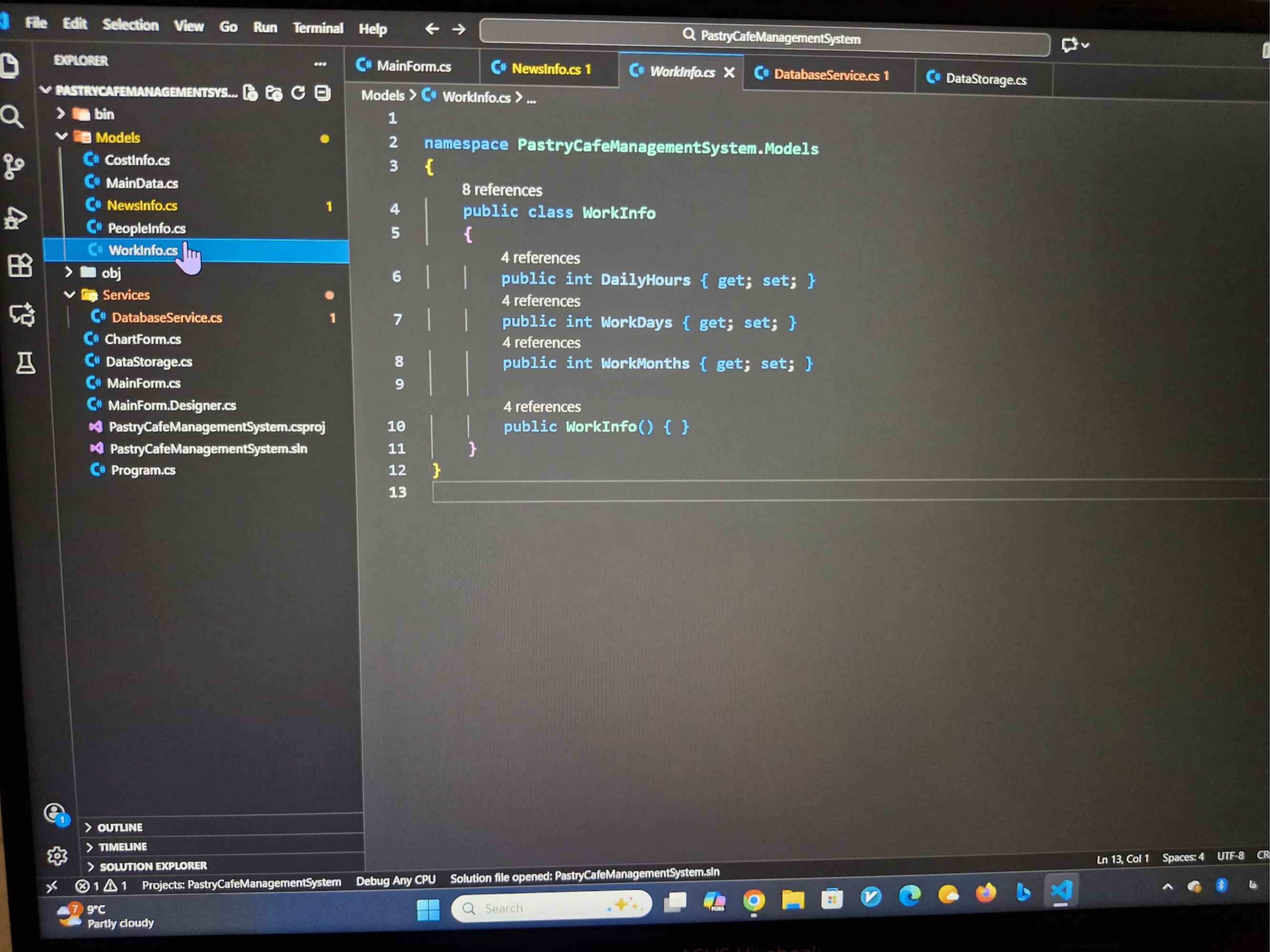




```
File Edit Selection View Go Run Terminal Help
PastryCafeManagementSystem

EXPLORER
PASTRYCAFEMANAGEMENTSYS...
  bin
  Models
    CostInfo.cs
    MainData.cs
    NewsInfo.cs
    PeopleInfo.cs
    WorkInfo.cs
  obj
  Services
    DatabaseService.cs
    ChartForm.cs
    DataStorage.cs
    MainForm.cs
    MainForm.Designer.cs
    PastryCafeManagementSystem.csproj
    PastryCafeManagementSystem.sln
    Program.cs

Models > PeopleInfo.cs > ...
1
2 namespace PastryCafeManagementSystem.Models
3 {
4     7 references
5     public class PeopleInfo
6     {
7         0 references
8         public int Customers { get; set; }
9         4 references
10        public int BusyMonths { get; set; }
11    }
12 }
```



The image shows a screenshot of the Visual Studio IDE. On the left, the 'EXPLORER' pane shows a project named 'PastryCafeManagementSystem' with folders 'bin', 'Models', and 'Services'. The 'Services' folder is expanded, showing 'DatabaseService.cs' selected. The main editor window displays the code for 'DatabaseService.cs'. The code includes a 'public class DatabaseService' with two private methods: 'LoadWorkInfo' and 'LoadPeopleInfo'. The 'LoadWorkInfo' method uses 'SqlCommand' and 'SqlDataReader' to retrieve work information from a database. The 'LoadPeopleInfo' method is partially visible. A tooltip for 'class System.Data.SqlClient.SqlDataReader' is shown, stating it provides a way of reading a forward-only stream of rows from a SQL Server database and cannot be inherited. The bottom status bar shows 'Ln 175, Col 28' and 'Spaces: 4 UTF-8 CRLF {} C#'. The Windows taskbar at the bottom shows the date and time as '10:05 PM 12/8/2023'.

EXPLORER

PASTRYCAFEMANAGEMENTSYS...

- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

```
8      public class DatabaseService
142     private WorkInfo LoadWorkInfo(SqlConnection connection)
155         WorkMonths = reader.GetInt32(2)
156     };
157 }
158 }
159 }
160     return new WorkInfo(); // برگرداندن یک نمونه خالی در صورت عدم وجود داده
161 }
162
163     //PeopleInfo متد بارگذاری
164     1 reference
165     private PeopleInfo LoadPeopleInfo(SqlConnection connection)
166     {
167         string query = "SELECT CustomersCount, BusyMonths FROM PeopleInfo";
168         using (SqlCommand command = new SqlCommand(query, connection))
169         {
170             using (SqlDataReader reader = command.ExecuteReader())
171             {
172                 if (reader.Read())
173                 {
174                     return new PeopleInfo
175                     {
176                         BusyMonths = reader.GetInt32(1)
177                     };
178                 }
179             }
180         }
181         return new PeopleInfo();
182     }
183
184     //CostInfo متد بارگذاری
185     1 reference
186     private CostInfo LoadCostInfo(SqlConnection connection)
```

Ln 175, Col 28 Spaces: 4 UTF-8 CRLF {} C#

1 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

9°C Partly cloudy

Search

ASUS Vivobook

EXPLORER

PASTRYCAFEMANAGEMENTSYS...

- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

```
8 public class DatabaseService
1 reference
164 private PeopleInfo LoadPeopleInfo(SqlConnection connection)
165 {
166     string query = "SELECT CustomersCount, BusyMonths FROM PeopleInfo";
167     using (SqlCommand command = new SqlCommand(query, connection))
168     {
169         using (SqlDataReader reader = command.ExecuteReader())
170         {
171             if (reader.Read())
172             {
173                 return new PeopleInfo
174                 {
175                     BusyMonths = reader.GetInt32(1)
176                 };
177             }
178         }
179     }
180     return new PeopleInfo();
181 }
182
183
184 //CostInfo متد بارگذاری
1 reference
185 private CostInfo LoadCostInfo(SqlConnection connection)
186 {
187     string query = "SELECT SugarCost, FlourCost, ElectricityCost FROM CostInfo";
188     using (SqlCommand command = new SqlCommand(query, connection))
189     {
190         using (SqlDataReader reader = command.ExecuteReader())
191         {
192             if (reader.Read())
193             {
194                 return new CostInfo
195                 {
196                     // ...
197                 };
198             }
199         }
200     }
201     return new CostInfo();
202 }
```

Ln 175, Col 28 Spaces: 4 UTF-8 CRLF

9°C Partly cloudy

ASUS Vivobook

Visual Studio interface showing the development of a C# application named "PastryCafeManagementSystem".

Solution Explorer (Left):

- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs (selected)
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

Code Editor (Center):

Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

```
8      public class DatabaseService
164         private PeopleInfo LoadPeopleInfo(SqlConnection connection)
173             return new PeopleInfo
174             {
175                 BusyMonths = reader.GetInt32(1);
176             };
177         }
178     }
179 }
180
181     return new PeopleInfo();
182 }
183
184 //CostInfo متد بارگذاری
185 1 reference
186 private CostInfo LoadCostInfo(SqlConnection connection)
187 {
188     string query = "SELECT SugarCost, FlourCost, ElectricityCost FROM CostInfo";
189     using (SqlCommand command = new SqlCommand(query, connection))
190     {
191         using (SqlDataReader reader = command.ExecuteReader())
192         {
193             if (reader.Read())
194             {
195                 return new CostInfo
196                 {
197                     SugarCost = reader.GetInt32(0),
198                     FlourCost = reader.GetInt32(1),
199                     ElectricityCost = reader.GetInt32(2);
200                 };
201             }
202         }
203     }
204     return new CostInfo();
205 }
```

Bottom Bar:

- Projects: PastryCafeManagementSystem
- Debug Any CPU
- Solution file opened: PastryCafeManagementSystem.sln
- Ln 175, Col 28 Spaces: 4 UTF-8 CRLF {} C#
- 9°C Partly cloudy
- Search
- ASUS Vivobook

EXPLORER

PASTRYCAFEMANAGEMENTSYS...

- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

8 public class DatabaseService

```
182 }
183
184 //CostInfo متد بارگذاری
1 reference
185 private CostInfo LoadCostInfo(SqlConnection connection)
186 {
187     string query = "SELECT SugarCost, FlourCost, ElectricityCost FROM CostInfo";
188     using (SqlCommand command = new SqlCommand(query, connection))
189     {
190         using (SqlDataReader reader = command.ExecuteReader())
191         {
192             if (reader.Read())
193             {
194                 return new CostInfo
195                 {
196                     SugarCost = reader.GetInt32(0),
197                     FlourCost = reader.GetInt32(1),
198                     ElectricityCost = reader.GetInt32(2)
199                 };
200             }
201         }
202     }
203     return new CostInfo();
204 }
205
206 //NewsInfo متد بارگذاری
1 reference
207 private NewsInfo LoadNewsInfo(SqlConnection connection)
208 {
209     string query = "SELECT News FROM NewsInfo";
210     using (SqlCommand command = new SqlCommand(query, connection))
211     {
212         using (SqlDataReader reader = command.ExecuteReader())
213     {
```

Ln 175, Col 28 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

Search

ASUS Vivobook

10:06 12/8/20

EXPLORER

PASTRYCAFEMANAGEMENTSYS...

- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

MainForm.cs

NewsInfo.cs 1

WorkInfo.cs

DatabaseService.cs 1 X

DataStorage.cs

Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

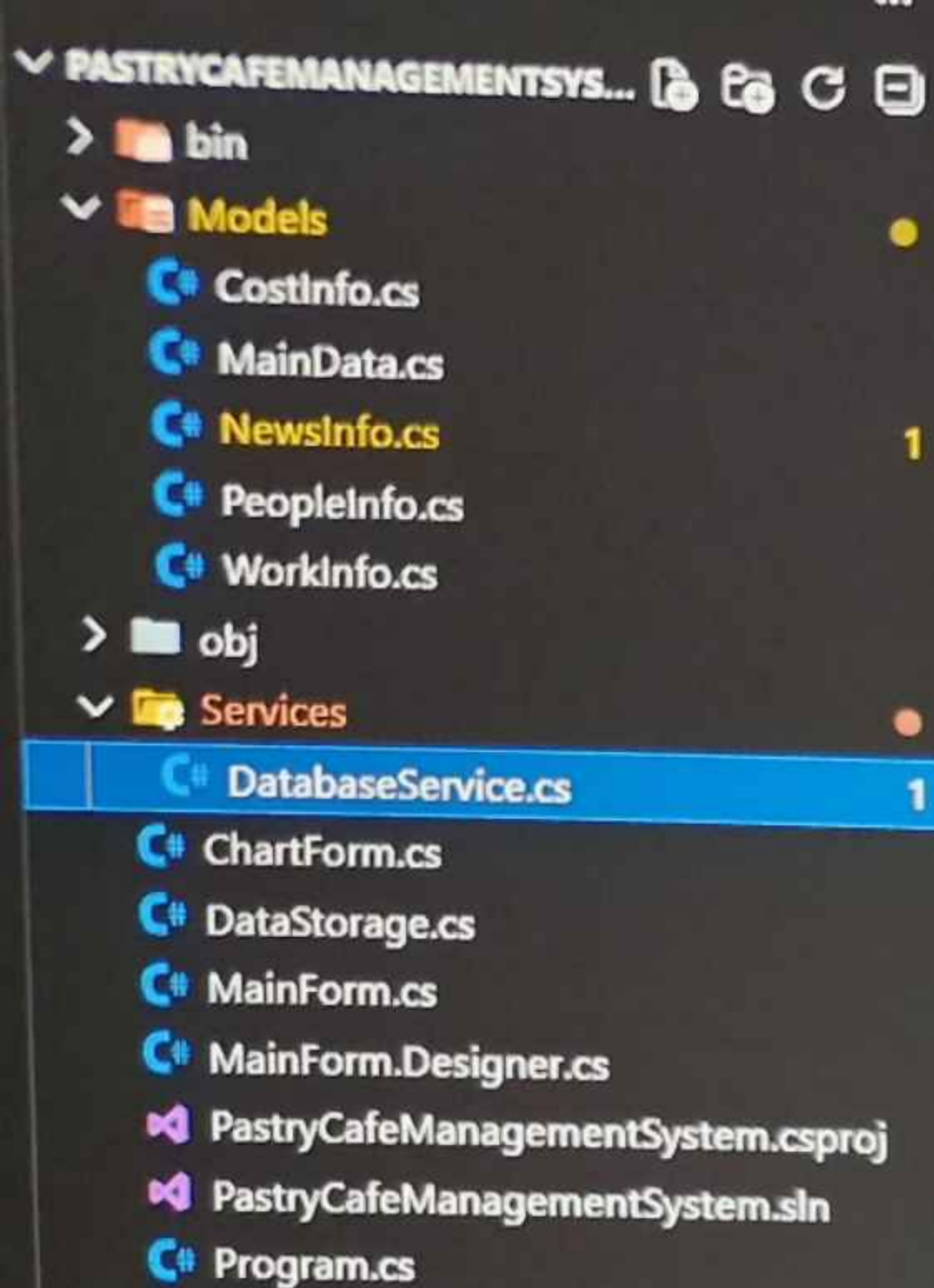
```
8      public class DatabaseService
185         private CostInfo LoadCostInfo(SqlConnection connection)
193     {
194     }
195         return new CostInfo
196     {
197         SugarCost = reader.GetInt32(0),
198         FlourCost = reader.GetInt32(1),
199         ElectricityCost = reader.GetInt32(2)
200     };
201     }
202 }
203     return new CostInfo();
204 }
205
206 //NewsInfo متد بارگذاری
1 reference
207 private NewsInfo LoadNewsInfo(SqlConnection connection)
208 {
209     string query = "SELECT News FROM NewsInfo";
210     using (SqlCommand command = new SqlCommand(query, connection))
211     {
212         using (SqlDataReader reader = command.ExecuteReader())
213         {
214             if (reader.Read())
215             {
216                 return new NewsInfo
217                 {
218                     News = reader.GetString(0)
219                 };
220             }
221         }
222     }
223     return new NewsInfo();
224 }
```

Ln 175, Col 28 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

ASUS Vivobook

10:06 PM 12/8/2023



Services > DatabaseService.cs > DatabaseService > LoadPeopleInfo

```
8      public class DatabaseService
206      //NewsInfo متد بارگذاری
207      1 reference
208      private NewsInfo LoadNewsInfo(SqlConnection connection)
209      {
210          string query = "SELECT News FROM NewsInfo";
211          using (SqlCommand command = new SqlCommand(query, connection))
212          {
213              using (SqlDataReader reader = command.ExecuteReader())
214              {
215                  if (reader.Read())
216                  {
217                      return new NewsInfo
218                      {
219                          News = reader.GetString(0)
220                      };
221                  }
222              }
223          }
224          return new NewsInfo();
225
226          // -----
227          //MainData متد اصلی بارگذاری
228          // -----
229          1 reference
230          public MainData LoadData()
231          {
232              MainData data = new MainData();
233
234              using (SqlConnection connection = new SqlConnection(ConnectionString))
235              {
236                  connection.Open();
237
238                  data.Work = LoadWorkInfo(connection);
239              }
240          }
241      }
```

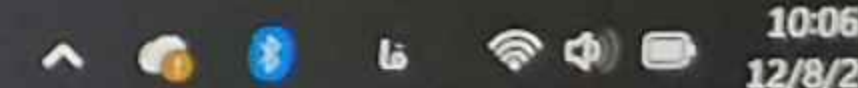
1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 175, Col 28 Spaces: 4 UTF-8 CRLF {} C#

9°C
Partly cloudy



Search



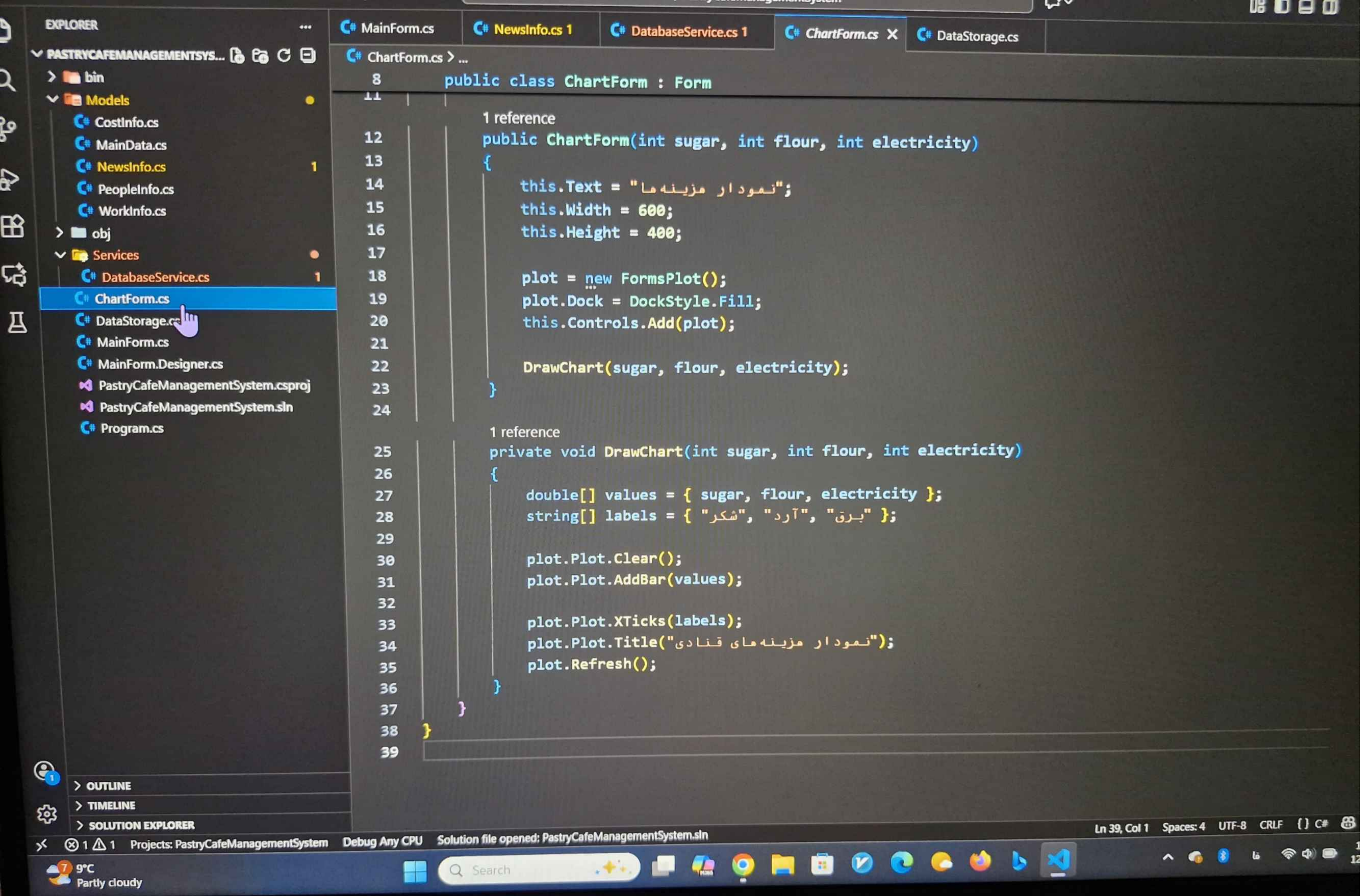
10:06
12/8/20

ASUS Vivobook

Visual Studio interface showing the code editor for `DatabaseService.cs` in the `Services` folder. The code defines a `DatabaseService` class with a `LoadNewsInfo` method and a `LoadData` method.

```
8 public class DatabaseService
207     private NewsInfo LoadNewsInfo(SqlConnection connection)
218     {
219         News = reader.GetString(0);
220     }
221 }
222 }
223 return new NewsInfo();
224 }
225
226 // -----
227 //MainData متد اصلی بارگذاری
228 // -----
229 1 reference
230 public MainData LoadData()
231 {
232     MainData data = new MainData();
233
234     using (SqlConnection connection = new SqlConnection(ConnectionString))
235     {
236         connection.Open();
237
238         data.Work = LoadWorkInfo(connection);
239         data.People = LoadPeopleInfo(connection);
240         data.Costs = LoadCostInfo(connection);
241         data.News = LoadNewsInfo(connection);
242     }
243     return data;
244 }
245 }
246 }
247 }
```

The interface also shows the Solution Explorer on the left with the project structure, the Outline, Timeline, and Solution Explorer tabs at the bottom, and the Windows taskbar at the very bottom.



PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

MainForm.cs NewsInfo.cs 1 DatabaseService.cs 1 ChartForm.cs DataStorage.cs X

DataStorage.cs > ...

```
1
2 // DataStorage.cs (Disabled - No longer used)
3 // This class is kept ONLY to avoid compile errors after switching to SQL DB.
4
5 using PastryCafeManagementSystem.Models;
6
7 namespace PastryCafeManagementSystem.Storage
8 {
9     1 reference
10     public class DataStorage
11     {
12         0 references
13         public DataStorage(string filePath)
14         {
15             // No operation
16         }
17
18         0 references
19         public void Save(MainData data)
20         {
21             // Disabled - Data is now saved via DatabaseService (SQL)
22         }
23
24         0 references
25         public MainData Load()
26         {
27             // Disabled - return empty object to avoid null errors
28             return new MainData();
29         }
30     }
31 }
```

OUTLINE
TIMELINE
SOLUTION EXPLORER

1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln Ln 28, Col 1 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

ASUS Vivobook

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

PastryCafeManagementSystem

MainForm.cs 1 X NewsInfo.cs 1 DatabaseService.cs 1 ChartForm.cs DataStorage.cs

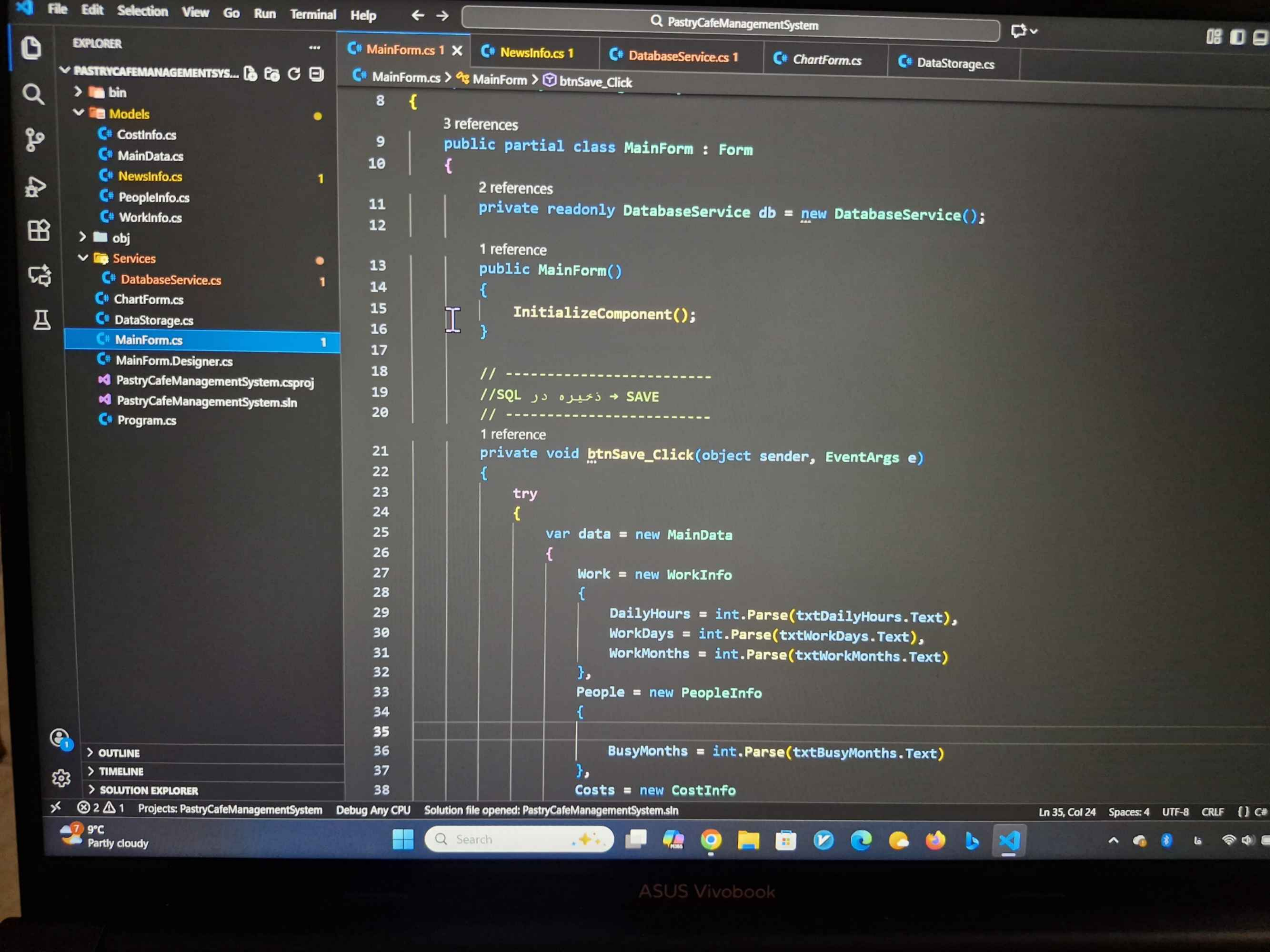
```

MainForm.cs > MainForm > btnSave_Click
1
2 using System;
3 using System.Windows.Forms;
4 using PastryCafeManagementSystem.Models;
5 using PastryCafeManagementSystem.Services;
6
7 namespace PastryCafeManagementSystem
8 {
9     3 references
10    public partial class MainForm : Form
11
12    2 references
13    private readonly DatabaseService db = new DatabaseService();
14
15    1 reference
16    public MainForm()
17    {
18        InitializeComponent();
19
20    // -----
21    //SQL ذخیره در SAVE
22    // -----
23
24    1 reference
25    private void btnSave_Click(object sender, EventArgs e)
26    {
27        try
28        {
29            var data = new MainData
30            {
31                Work = new WorkInfo
32                {
33                    DailyHours = int.Parse(txtDailyHours.Text),
34                    WorkDays = int.Parse(txtWorkDays.Text),
35                    WorkMonths = int.Parse(txtWorkMonths.Text)
36                }
37            }
38        }
39        catch { }
40    }
41 }
    
```

OUTLINE

TIMELINE

SOLUTION EXPLORER



EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

MainForm.cs 1 X

NewsInfo.cs 1

DatabaseService.cs 1

ChartForm.cs

DataStorage.cs

MainForm.cs > MainForm > btnSave_Click

```
8 {
9     3 references
10    public partial class MainForm : Form
11    {
12        2 references
13        private readonly DatabaseService db = new DatabaseService();
14
15        1 reference
16        public MainForm()
17        {
18            InitializeComponent();
19
20            // -----
21            //SQL ذخیره در SAVE
22            // -----
23
24        1 reference
25        private void btnSave_Click(object sender, EventArgs e)
26        {
27            try
28            {
29                var data = new MainData
30                {
31                    Work = new WorkInfo
32                    {
33                        DailyHours = int.Parse(txtDailyHours.Text),
34                        WorkDays = int.Parse(txtWorkDays.Text),
35                        WorkMonths = int.Parse(txtWorkMonths.Text)
36                    },
37                    People = new PeopleInfo
38                    {
39                        BusyMonths = int.Parse(txtBusyMonths.Text)
40                    },
41                    Costs = new CostInfo
```

OUTLINE

TIMELINE

SOLUTION EXPLORER

2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 35, Col 24 Spaces: 4 UTF-8 CRLF {} C#

9°C
Partly cloudy

Search

File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

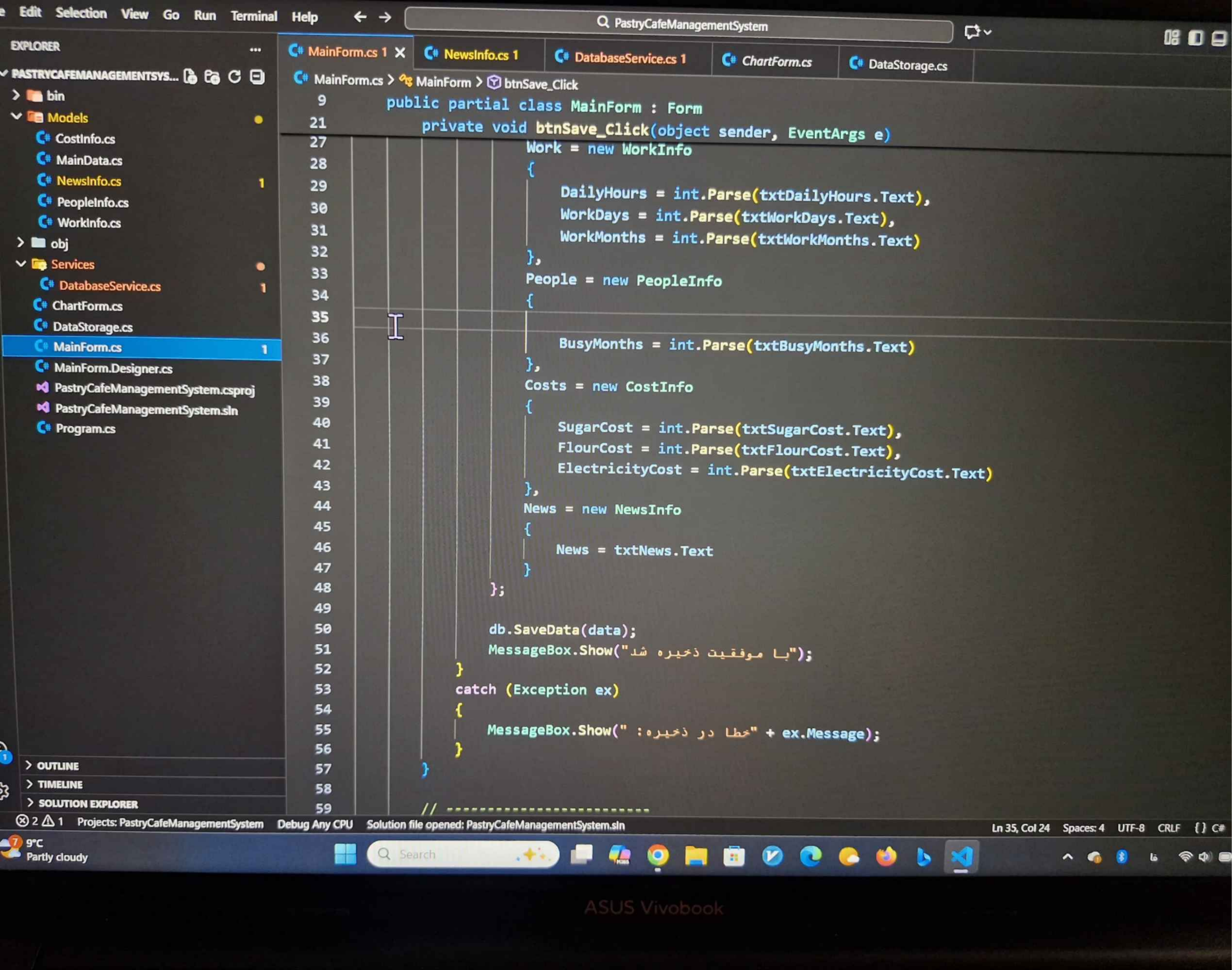
1 reference

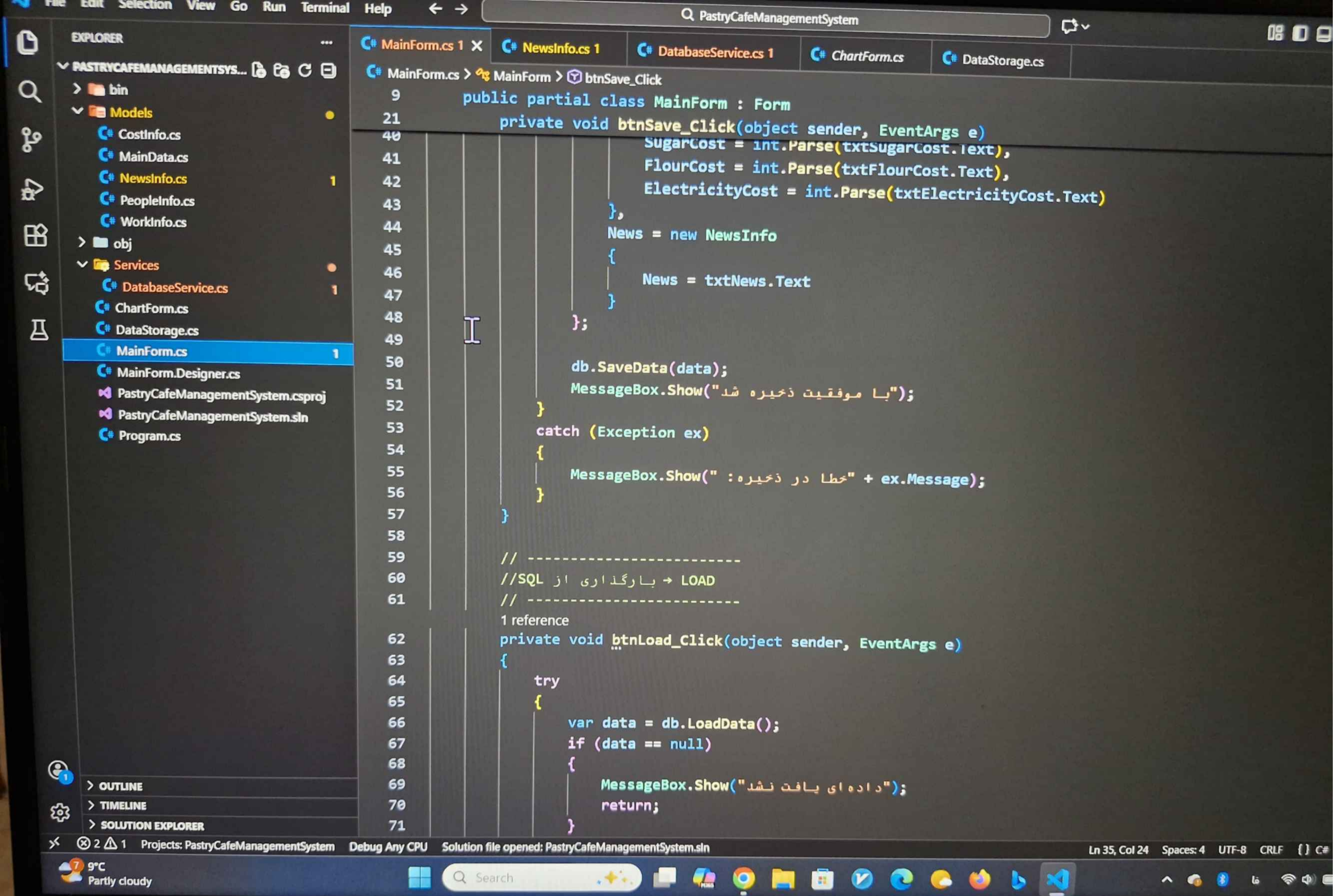
```
9 public partial class MainForm : Form
16 }
17
18 // -----
19 //SQL ذخیره در SAVE
20 // -----
21 private void btnSave_Click(object sender, EventArgs e)
22 {
23     try
24     {
25         var data = new MainData
26         {
27             Work = new WorkInfo
28             {
29                 DailyHours = int.Parse(txtDailyHours.Text),
30                 WorkDays = int.Parse(txtWorkDays.Text),
31                 WorkMonths = int.Parse(txtWorkMonths.Text)
32             },
33             People = new PeopleInfo
34             {
35                 BusyMonths = int.Parse(txtBusyMonths.Text)
36             },
37             Costs = new CostInfo
38             {
39                 SugarCost = int.Parse(txtSugarCost.Text),
40                 FlourCost = int.Parse(txtFlourCost.Text),
41                 ElectricityCost = int.Parse(txtElectricityCost.Text)
42             },
43             News = new NewsInfo
44             {
45                 News = txtNews.Text
46             }
47         };
48     }
```

Ln 35, Col 24 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

ASUS Vivobook





PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 35, Col 24 Spaces: 4 UTF-8 CRLF

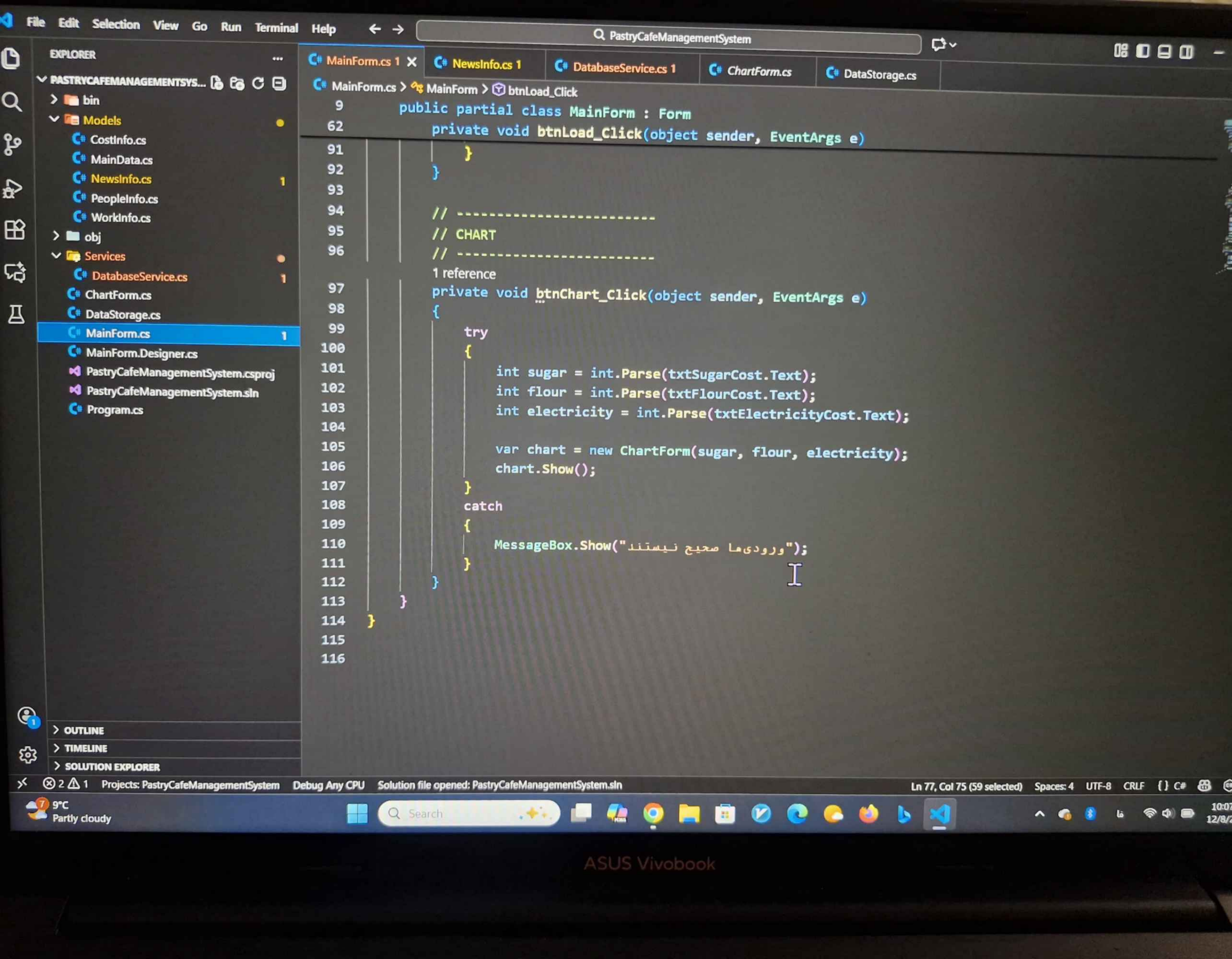
9°C Partly cloudy

ASUS Vivobook

MainForm.cs 1 x NewsInfo.cs 1 DatabaseService.cs 1 ChartForm.cs DataStorage.cs

MainForm.cs > MainForm > btnSave_Click

```
9 public partial class MainForm : Form
21 private void btnSave_Click(object sender, EventArgs e)
49
50 db.SaveData(data);
51 MessageBox.Show("با موفقیت ذخیره شد");
52 }
53 catch (Exception ex)
54 {
55 MessageBox.Show("خطا در ذخیره: " + ex.Message);
56 }
57 }
58
59 // -----
60 //SQL بارگذاری از LOAD
61 // -----
62 1 reference
63 private void btnLoad_Click(object sender, EventArgs e)
64 {
65 try
66 {
67 var data = db.LoadData();
68 if (data == null)
69 {
70 MessageBox.Show("داده ای یافت نشد");
71 return;
72 }
73 txtDailyHours.Text = data.Work.DailyHours.ToString();
74 txtWorkDays.Text = data.Work.WorkDays.ToString();
75 txtWorkMonths.Text = data.Work.WorkMonths.ToString();
76
77 txtCustomers.Text = data.People.CustomersCount.ToString();
78 txtBusyMonths.Text = data.People.BusyMonths.ToString();
79
80 txtSugarCost.Text = data.Costs.SugarCost.ToString();
```

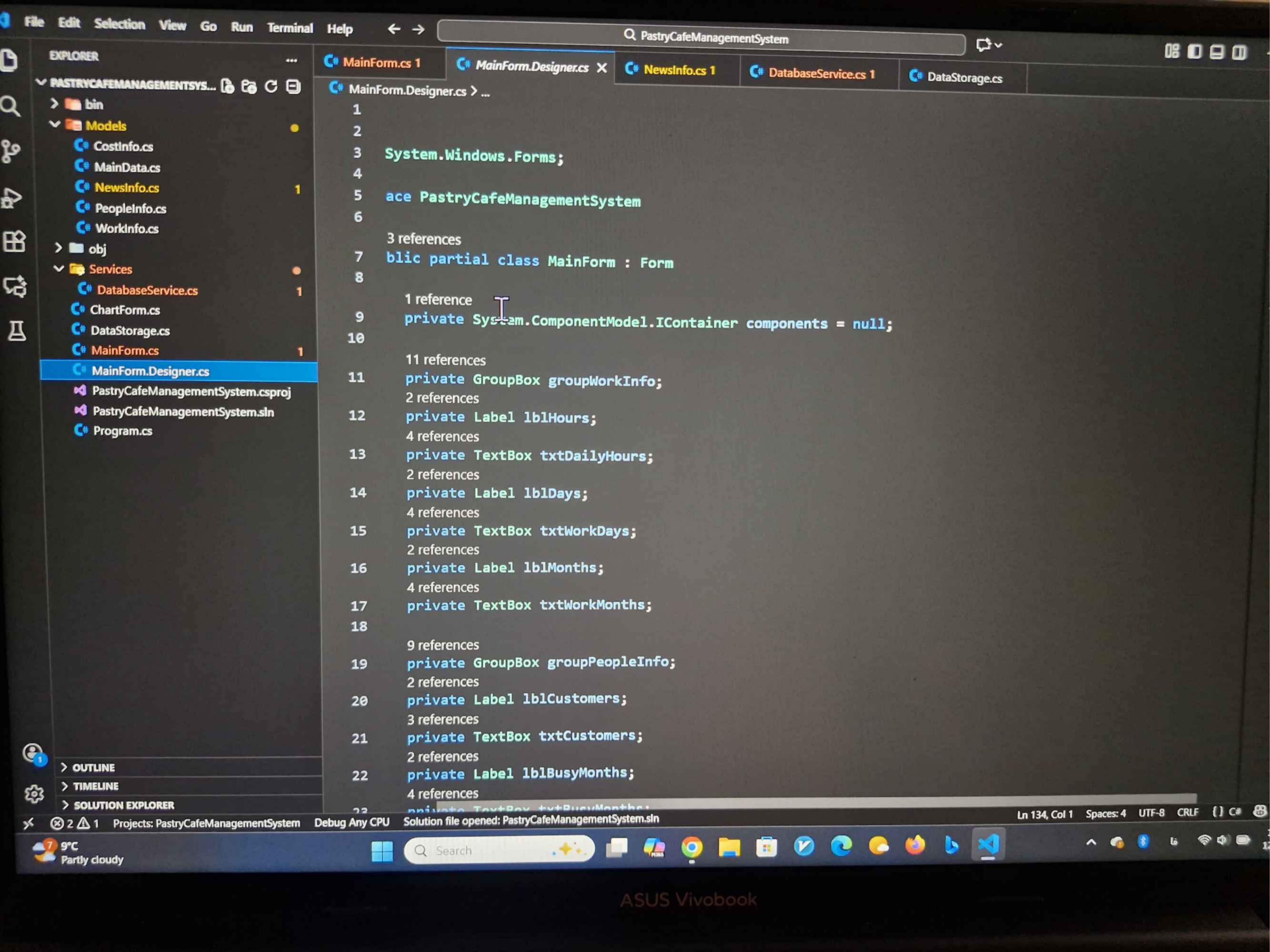


```
File Edit Selection View Go Run Terminal Help
PastryCafeManagementSystem

EXPLORER
PASTRYCAFEMANAGEMENTSYS...
  bin
  Models
    CostInfo.cs
    MainData.cs
    NewsInfo.cs
    PeopleInfo.cs
    WorkInfo.cs
  obj
  Services
    DatabaseService.cs
    ChartForm.cs
    DataStorage.cs
    MainForm.cs
    MainForm.Designer.cs
    PastryCafeManagementSystem.csproj
    PastryCafeManagementSystem.sln
    Program.cs

MainForm.cs 1 X
MainForm.cs > MainForm > btnLoad_Click
9      public partial class MainForm : Form
62      private void btnLoad_Click(object sender, EventArgs e)
91      {
92      }
93
94      // -----
95      // CHART
96      // -----
1 reference
97      private void btnChart_Click(object sender, EventArgs e)
98      {
99          try
100          {
101              int sugar = int.Parse(txtSugarCost.Text);
102              int flour = int.Parse(txtFlourCost.Text);
103              int electricity = int.Parse(txtElectricityCost.Text);
104
105              var chart = new ChartForm(sugar, flour, electricity);
106              chart.Show();
107          }
108          catch
109          {
110              MessageBox.Show("ورودی ها صحیح نیستند");
111          }
112      }
113
114 }
115
116

OUTLINE
TIMELINE
SOLUTION EXPLORER
2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln
Ln 77, Col 75 (59 selected) Spaces: 4 UTF-8 CRLF {} C#
9°C Partly cloudy
Search
ASUS Vivobook
```



EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
- PastryCafeManagementSystem.csproj
- PastryCafeManagementSystem.sln
- Program.cs

MainForm.cs 1

MainForm.Designer.cs X

NewsInfo.cs 1

DatabaseService.cs 1

DataStorage.cs

MainForm.Designer.cs > ...

```
1
2
3 System.Windows.Forms;
4
5 namespace PastryCafeManagementSystem
6
7     3 references
8     public partial class MainForm : Form
9
10         1 reference
11         private System.ComponentModel.IContainer components = null;
12
13         11 references
14         private GroupBox groupWorkInfo;
15         2 references
16         private Label lblHours;
17         4 references
18         private TextBox txtDailyHours;
19         2 references
20         private Label lblDays;
21         4 references
22         private TextBox txtWorkDays;
23         2 references
24         private Label lblMonths;
25         4 references
26         private TextBox txtWorkMonths;
27
28         9 references
29         private GroupBox groupPeopleInfo;
30         2 references
31         private Label lblCustomers;
32         3 references
33         private TextBox txtCustomers;
34         2 references
35         private Label lblBusyMonths;
36         4 references
37         private TextBox txtBusyMonths;
```

- OUTLINE
- TIMELINE
- SOLUTION EXPLORER

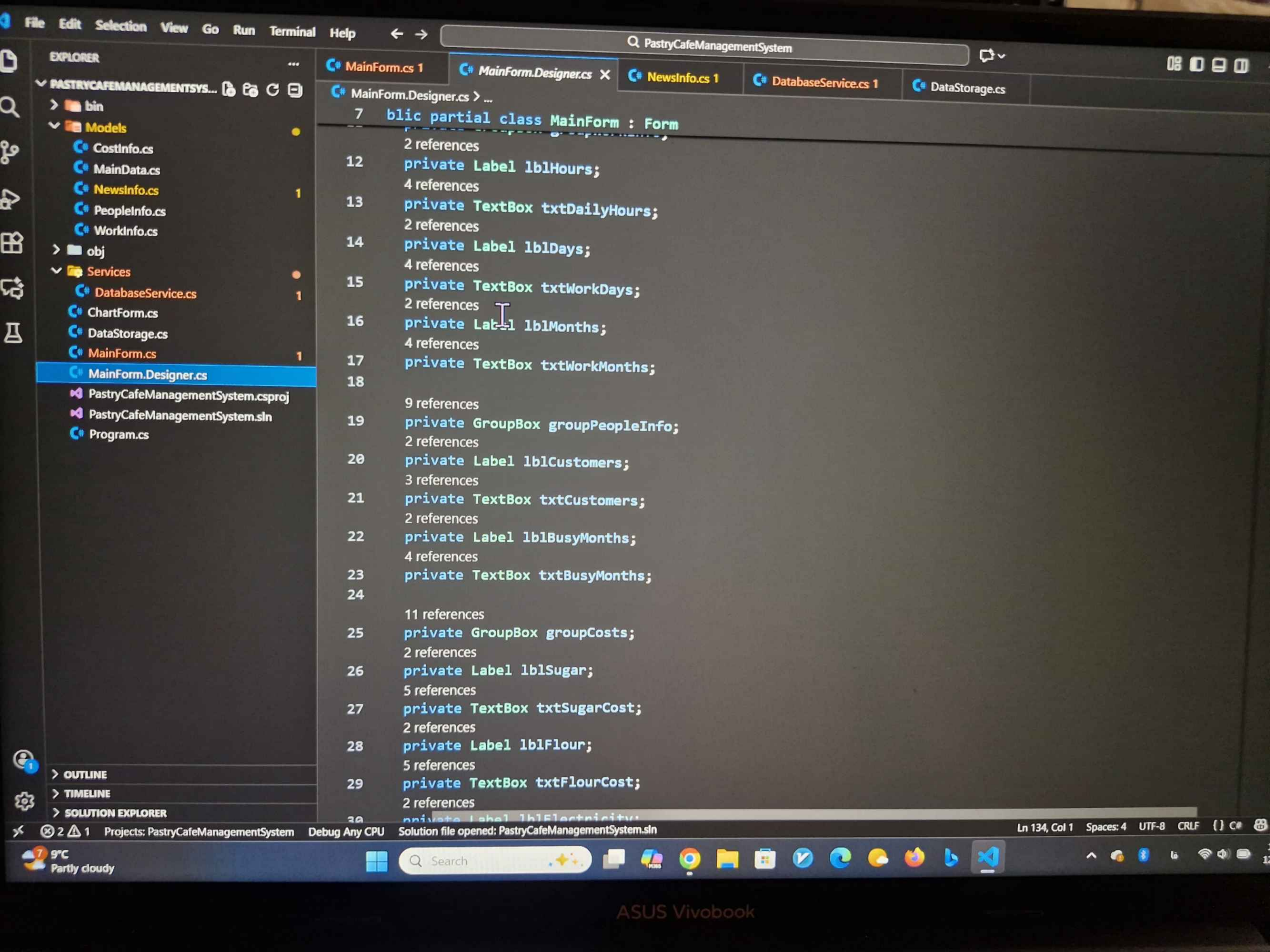
2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 134, Col 1 Spaces: 4 UTF-8 CRLF C#

9°C Partly cloudy

Search

ASUS Vivobook



File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
- PastryCafeManagementSystem.csproj
- PastryCafeManagementSystem.sln
- Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 134, Col 1 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

ASUS Vivobook

7 blic partial class MainForm : Form

17 private TextBox txtWorkMonths;

18

9 references

19 private GroupBox groupPeopleInfo;

2 references

20 private Label lblCustomers;

3 references

21 private TextBox txtCustomers;

2 references

22 private Label lblBusyMonths;

4 references

23 private TextBox txtBusyMonths;

24

11 references

25 private GroupBox groupCosts;

2 references

26 private Label lblSugar;

5 references

27 private TextBox txtSugarCost;

2 references

28 private Label lblFlour;

5 references

29 private TextBox txtFlourCost;

2 references

30 private Label lblElectricity;

5 references

31 private TextBox txtElectricityCost;

32

4 references

33 private TextBox txtNews;

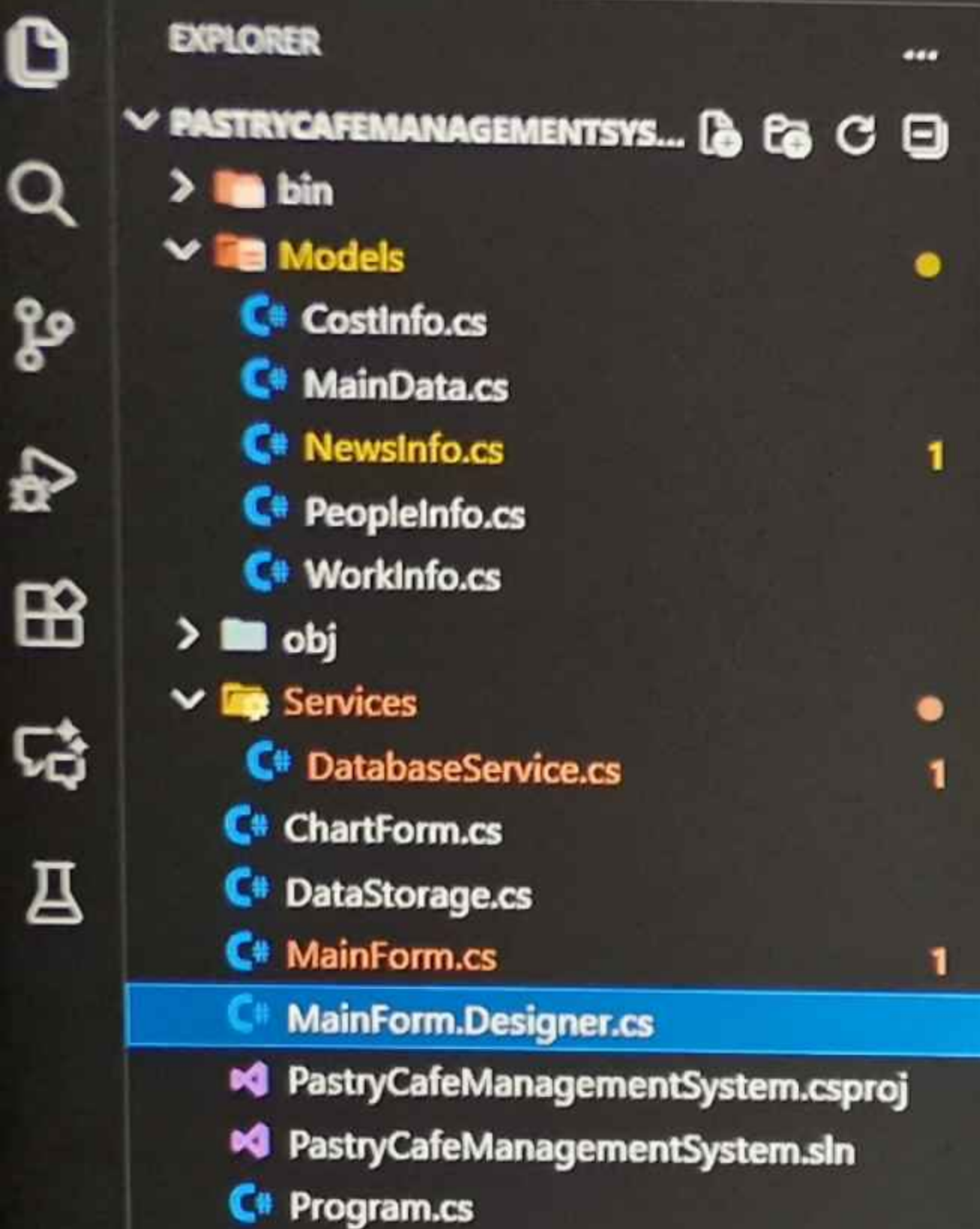
2 references

34 private Label lblNews;

35

3 references

36 private Button btnSave;



```
7  public partial class MainForm : Form
28  private Label lblFlour;
    5 references
29  private TextBox txtFlourCost;
    2 references
30  private Label lblElectricity;
    5 references
31  private TextBox txtElectricityCost;
32
    4 references
33  private TextBox txtNews;
    2 references
34  private Label lblNews;
35
    3 references
36  private Button btnSave;
    3 references
37  private Button btnLoad;
    3 references
38  private Button btnChart;
39
    1 reference
40  private void InitializeComponent()
41  {
42      this.components = new System.ComponentModel.Container();
43
44      // ===== Work Info =====
45      this.groupWorkInfo = new GroupBox();
46      this.groupWorkInfo.Text = "اطلاعات کاری";
47      this.groupWorkInfo.Location = new System.Drawing.Point(20, 20);
48      this.groupWorkInfo.Size = new System.Drawing.Size(350, 200);
49
50      this.lblHours = new Label { Text = "ساعات کاری روزانه", Location = new System.Drawing.Point(10, 30) };
51      this.txtDailyHours = new TextBox { Location = new System.Drawing.Point(160, 30) };
52
53      this.lblDays = new Label { Text = "روزهای کاری هفته", Location = new System.Drawing.Point(10, 70) }
```

File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

MainForm.cs 1

MainForm.Designer.cs X

NewsInfo.cs 1

DatabaseService.cs 1

DataStorage.cs

MainForm.Designer.cs > ...

```
7  public partial class MainForm : Form
    3 references
36  private Button btnSave;
    3 references
37  private Button btnLoad;
    3 references
38  private Button btnChart;
39
    1 reference
40  private void InitializeComponent()
41  {
42      this.components = new System.ComponentModel.Container();
43
44      // ===== Work Info =====
45      this.groupWorkInfo = new GroupBox();
46      this.groupWorkInfo.Text = "اطلاعات کاری";
47      this.groupWorkInfo.Location = new System.Drawing.Point(20, 20);
48      this.groupWorkInfo.Size = new System.Drawing.Size(350, 200);
49
50      this.lblHours = new Label { Text = "ساعات کاری روزانه", Location = new System.Drawing.Point(10, 30) };
51      this.txtDailyHours = new TextBox { Location = new System.Drawing.Point(160, 30) };
52
53      this.lblDays = new Label { Text = "روزهای کاری هفته", Location = new System.Drawing.Point(10, 70) };
54      this.txtWorkDays = new TextBox { Location = new System.Drawing.Point(160, 70) };
55
56      this.lblMonths = new Label { Text = "ماههای کاری", Location = new System.Drawing.Point(10, 110) };
57      this.txtWorkMonths = new TextBox { Location = new System.Drawing.Point(160, 110) };
58
59      this.groupWorkInfo.Controls.Add(lblHours);
60      this.groupWorkInfo.Controls.Add(txtDailyHours);
61      this.groupWorkInfo.Controls.Add(lblDays);
62      this.groupWorkInfo.Controls.Add(txtWorkDays);
63      this.groupWorkInfo.Controls.Add(lblMonths);
64      this.groupWorkInfo.Controls.Add(txtWorkMonths);
65
```

Ln 134, Col 1 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

Search

ASUS Vivobook

File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

MainForm.cs 1

MainForm.Designer.cs X

NewsInfo.cs 1

DatabaseService.cs 1

DataStorage.cs

MainForm.Designer.cs > ...

```
7  public partial class MainForm : Form
40  private void InitializeComponent()
43
44      // ===== Work Info =====
45      this.groupWorkInfo = new GroupBox();
46      this.groupWorkInfo.Text = "اطلاعات کاری";
47      this.groupWorkInfo.Location = new System.Drawing.Point(20, 20);
48      this.groupWorkInfo.Size = new System.Drawing.Size(350, 200);
49
50      this.lblHours = new Label { Text = "ساعات کاری روزانه", Location = new System.Drawing.Point(10, 30) };
51      this.txtDailyHours = new TextBox { Location = new System.Drawing.Point(160, 30) };
52
53      this.lblDays = new Label { Text = "روزهای کاری هفته", Location = new System.Drawing.Point(10, 70) };
54      this.txtWorkDays = new TextBox { Location = new System.Drawing.Point(160, 70) };
55
56      this.lblMonths = new Label { Text = "ماههای کاری", Location = new System.Drawing.Point(10, 110) };
57      this.txtWorkMonths = new TextBox { Location = new System.Drawing.Point(160, 110) };
58
59      this.groupWorkInfo.Controls.Add(lblHours);
60      this.groupWorkInfo.Controls.Add(txtDailyHours);
61      this.groupWorkInfo.Controls.Add(lblDays);
62      this.groupWorkInfo.Controls.Add(txtWorkDays);
63      this.groupWorkInfo.Controls.Add(lblMonths);
64      this.groupWorkInfo.Controls.Add(txtWorkMonths);
65
66      // ===== People Info =====
67      this.groupPeopleInfo = new GroupBox();
68      this.groupPeopleInfo.Text = "اطلاعات مشتریان";
69      this.groupPeopleInfo.Location = new System.Drawing.Point(400, 20);
70      this.groupPeopleInfo.Size = new System.Drawing.Size(350, 200);
71
72      this.lblCustomers = new Label { Text = "تعداد مشتریان", Location = new System.Drawing.Point(10, 30) };
73      this.txtCustomers = new TextBox { Location = new System.Drawing.Point(160, 30) };
74
```

Ln 134, Col 1 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

ASUS Vivobook

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

OUTLINE

TIMELINE

SOLUTION EXPLORER

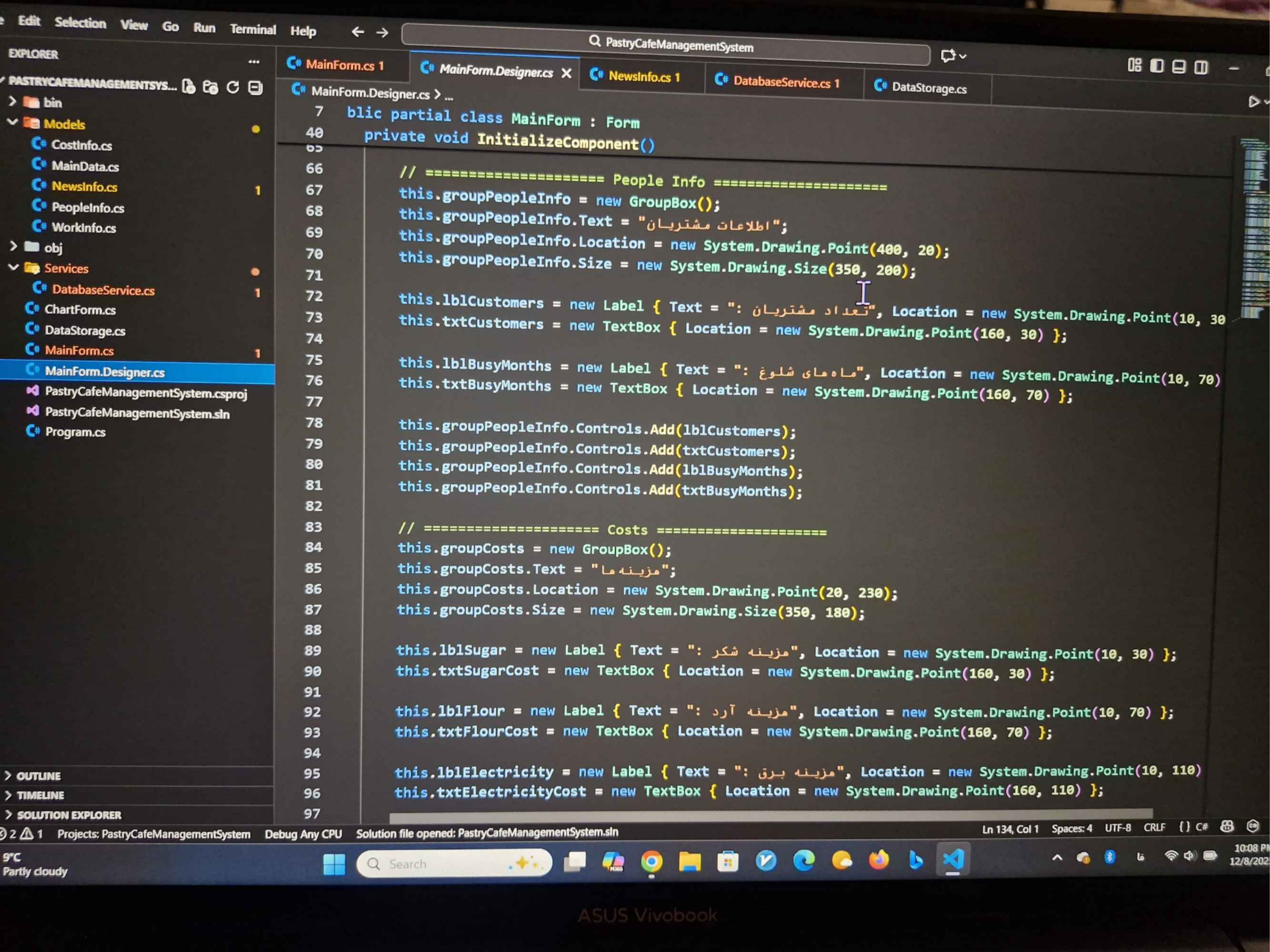
2 1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

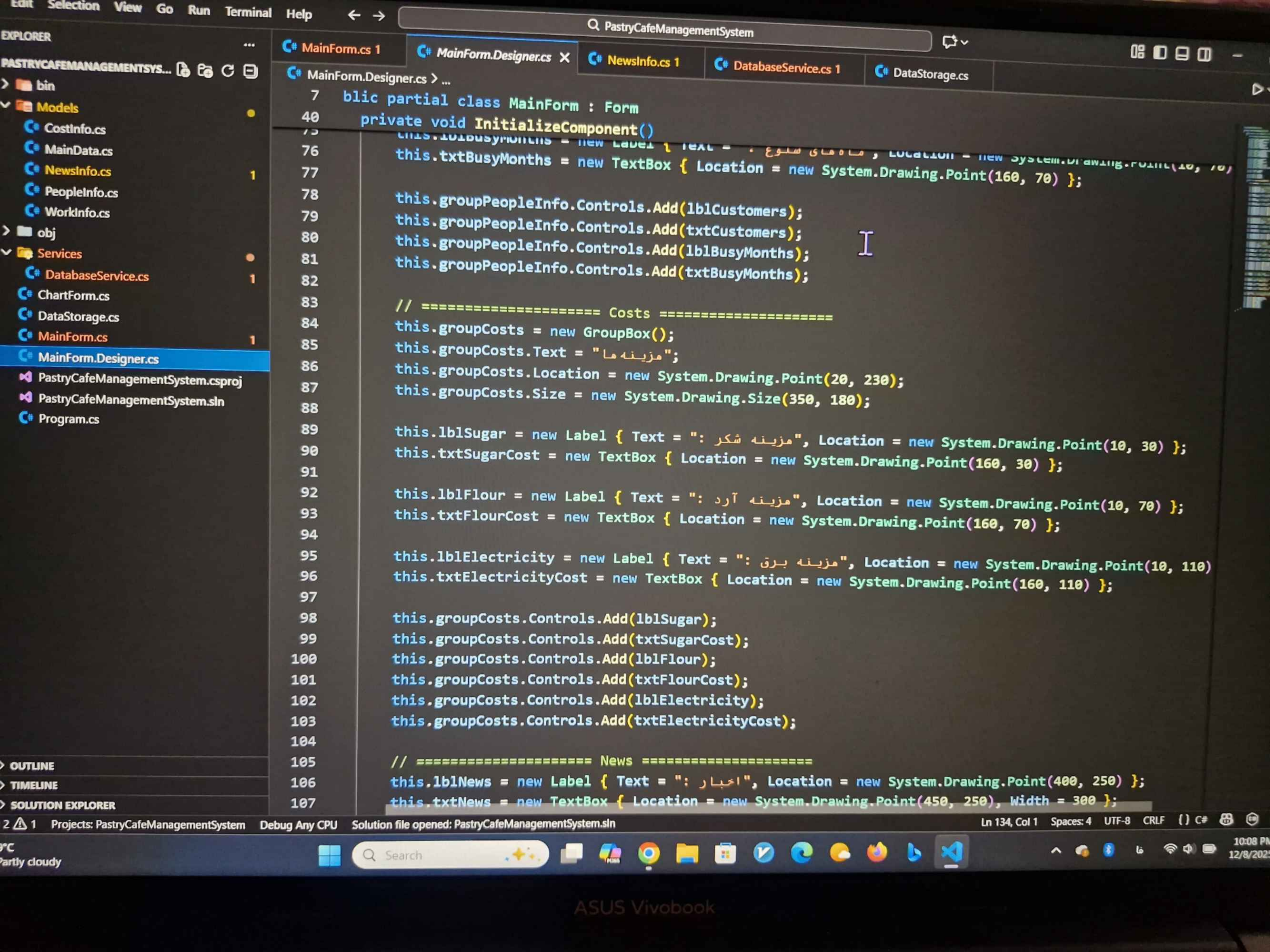
Ln 134, Col 1 Spaces: 4 UTF-8 CRLF {} C#

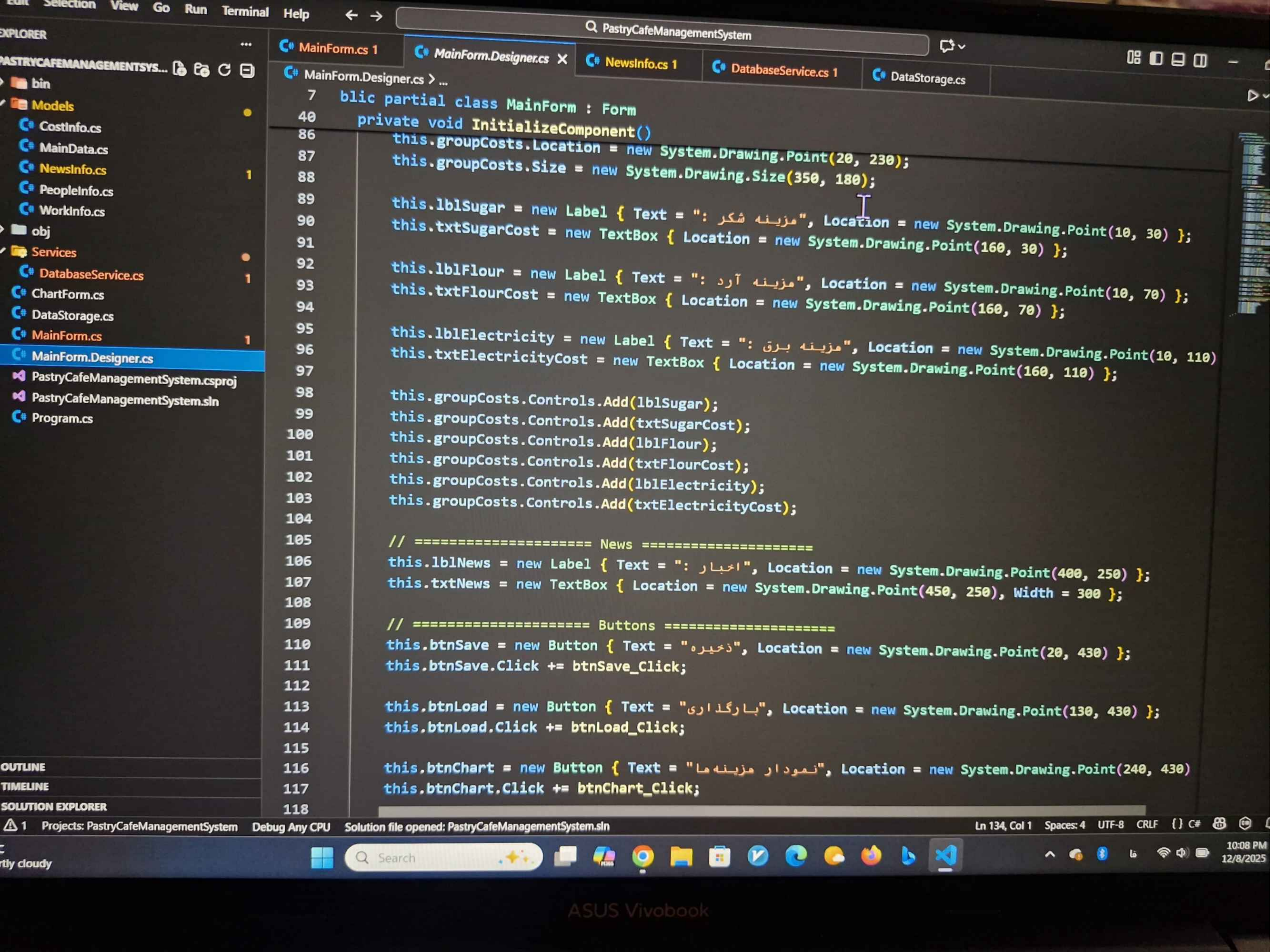
9°C Partly cloudy

ASUS Vivobook

```
7 public partial class MainForm : Form
40 private void InitializeComponent()
54 this.txtWorkDays = new TextBox { Location = new System.Drawing.Point(160, 70) };
55
56 this.lblMonths = new Label { Text = ": ماه های کاری", Location = new System.Drawing.Point(10, 110) };
57 this.txtWorkMonths = new TextBox { Location = new System.Drawing.Point(160, 110) };
58
59 this.groupWorkInfo.Controls.Add(lblHours);
60 this.groupWorkInfo.Controls.Add(txtDailyHours);
61 this.groupWorkInfo.Controls.Add(lblDays);
62 this.groupWorkInfo.Controls.Add(txtWorkDays);
63 this.groupWorkInfo.Controls.Add(lblMonths);
64 this.groupWorkInfo.Controls.Add(txtWorkMonths);
65
66 // ===== People Info =====
67 this.groupPeopleInfo = new GroupBox();
68 this.groupPeopleInfo.Text = "اطلاعات مشتریان";
69 this.groupPeopleInfo.Location = new System.Drawing.Point(400, 20);
70 this.groupPeopleInfo.Size = new System.Drawing.Size(350, 200);
71
72 this.lblCustomers = new Label { Text = ": تعداد مشتریان", Location = new System.Drawing.Point(10, 30) };
73 this.txtCustomers = new TextBox { Location = new System.Drawing.Point(160, 30) };
74
75 this.lblBusyMonths = new Label { Text = ": ماه های شلوغ", Location = new System.Drawing.Point(10, 70) };
76 this.txtBusyMonths = new TextBox { Location = new System.Drawing.Point(160, 70) };
77
78 this.groupPeopleInfo.Controls.Add(lblCustomers);
79 this.groupPeopleInfo.Controls.Add(txtCustomers);
80 this.groupPeopleInfo.Controls.Add(lblBusyMonths);
81 this.groupPeopleInfo.Controls.Add(txtBusyMonths);
82
83 // ===== Costs =====
84 this.groupCosts = new GroupBox();
85 this.groupCosts.Text = "هزینه ها";
```







PastryCafeManagementSystem

bin
Models
CostInfo.cs
MainData.cs
NewsInfo.cs
PeopleInfo.cs
WorkInfo.cs
obj
Services
DatabaseService.cs
ChartForm.cs
DataStorage.cs
MainForm.cs
MainForm.Designer.cs
PastryCafeManagementSystem.csproj
PastryCafeManagementSystem.sln
Program.cs

MainForm.cs 1
MainForm.Designer.cs X
NewsInfo.cs 1
DatabaseService.cs 1
DataStorage.cs

MainForm.Designer.cs > ...

```
7  public partial class MainForm : Form
40  private void InitializeComponent()
97
98      this.groupCosts.Controls.Add(lblSugar);
99      this.groupCosts.Controls.Add(txtSugarCost);
100     this.groupCosts.Controls.Add(lblFlour);
101     this.groupCosts.Controls.Add(txtFlourCost);
102     this.groupCosts.Controls.Add(lblElectricity);
103     this.groupCosts.Controls.Add(txtElectricityCost);
104
105     // ===== News =====
106     this.lblNews = new Label { Text = ": اخبار", Location = new System.Drawing.Point(400, 250) };
107     this.txtNews = new TextBox { Location = new System.Drawing.Point(450, 250), Width = 300 };
108
109     // ===== Buttons =====
110     this.btnSave = new Button { Text = "ذخیره", Location = new System.Drawing.Point(20, 430) };
111     this.btnSave.Click += btnSave_Click;
112
113     this.btnLoad = new Button { Text = "بارگذاری", Location = new System.Drawing.Point(130, 430) };
114     this.btnLoad.Click += btnLoad_Click;
115
116     this.btnChart = new Button { Text = "نمودار هزینه ها", Location = new System.Drawing.Point(240, 430) };
117     this.btnChart.Click += btnChart_Click;
118
119     // ===== Form Settings =====
120     this.ClientSize = new System.Drawing.Size(780, 500);
121     this.Text = "Pastry Cafe Management System";
122
123     this.Controls.Add(groupWorkInfo);
124     this.Controls.Add(groupPeopleInfo);
125     this.Controls.Add(groupCosts);
126     this.Controls.Add(lblNews);
127     this.Controls.Add(txtNews);
128     this.Controls.Add(btnSave);
```

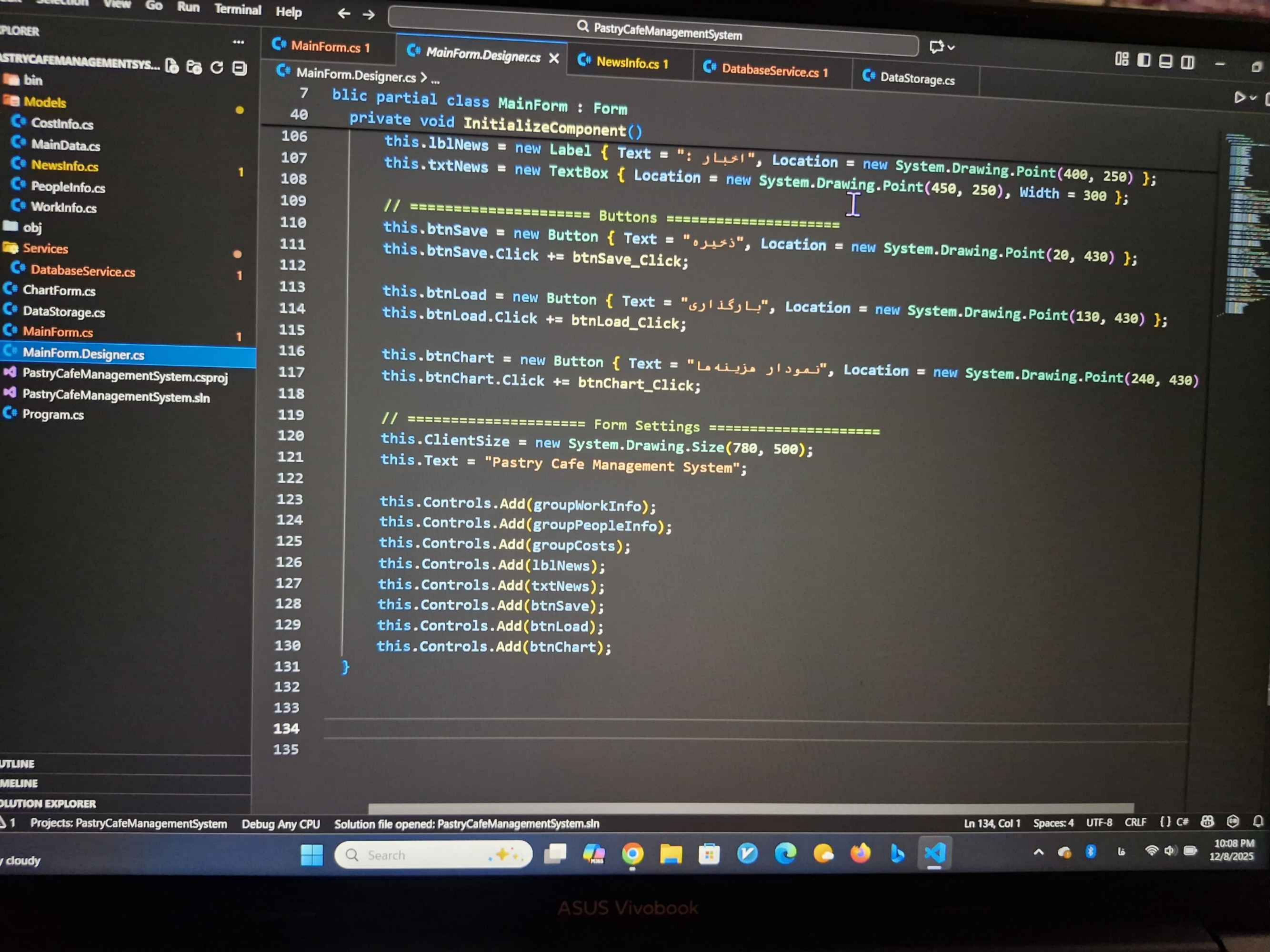
Ln 134, Col 1 Spaces: 4 UTF-8 CRLF {} C#

1 Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

cloudy Search

ASUS Vivobook

10:08 PM 12/8/2025



File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
 - bin
 - Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
 - obj
 - Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

PastryCafeManagementSystem.csproj

```
2 <Project Sdk="Microsoft.NET.Sdk.WindowsDesktop">
11 <ItemGroup>
12 <PackageReference Include="ScottPlot.WinForms" Version="4.1.5" />
13 <PackageReference Include="System.Data.SqlClient" Version="4.8.6" />
14 </ItemGroup>
15
16 </Project>
17
```

OUTLINE

TIMELINE

SOLUTION EXPLORER

Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 17, Col 1 Spaces: 2 UTF-8 CRLF {} XML

9°C Partly cloudy

Search

ASUS Vivobook

File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

PastryCafeManagementSystem.sln

```
1
2 Microsoft Visual Studio Solution File, Format Version 12.00
3 # Visual Studio Version 17
4 VisualStudioVersion = 17.0.31912.275
5 MinimumVisualStudioVersion = 10.0.40219.1
6 Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "PastryCafeManagementSystem", "PastryCafeManagementSystem
7 EndProject
8 Global
9     GlobalSection(SolutionConfigurationPlatforms) = preSolution
10         Debug|Any CPU = Debug|Any CPU
11         Release|Any CPU = Release|Any CPU
12     EndGlobalSection
13     GlobalSection(ProjectConfigurationPlatforms) = postSolution
14         {2D1659B0-0CED-4DCC-A5C8-3C6A64E399E0}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
15         {2D1659B0-0CED-4DCC-A5C8-3C6A64E399E0}.Debug|Any CPU.Build.0 = Debug|Any CPU
16         {2D1659B0-0CED-4DCC-A5C8-3C6A64E399E0}.Release|Any CPU.ActiveCfg = Release|Any CPU
17         {2D1659B0-0CED-4DCC-A5C8-3C6A64E399E0}.Release|Any CPU.Build.0 = Release|Any CPU
18     EndGlobalSection
19     GlobalSection(SolutionProperties) = preSolution
20         HideSolutionNode = FALSE
21     EndGlobalSection
22 EndGlobal
23
24
```

OUTLINE

TIMELINE

SOLUTION EXPLORER

2 1 Projects: 1 Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 1, Col 1 Tab Size: 4 UTF-8 CRLF () Plain Text

9°C Partly cloudy

Search

ASUS Vivobook

File Edit Selection View Go Run Terminal Help

PastryCafeManagementSystem

EXPLORER

- PASTRYCAFEMANAGEMENTSYS...
- bin
- Models
 - CostInfo.cs
 - MainData.cs
 - NewsInfo.cs
 - PeopleInfo.cs
 - WorkInfo.cs
- obj
- Services
 - DatabaseService.cs
 - ChartForm.cs
 - DataStorage.cs
 - MainForm.cs
 - MainForm.Designer.cs
 - PastryCafeManagementSystem.csproj
 - PastryCafeManagementSystem.sln
 - Program.cs

Program.cs > ...

```
1
2 using System;
3 using System.Windows.Forms;
4
5 namespace PastryCafeManagementSystem
6 {
7     0 references
8     internal static class Program
9     {
10         [STAThread]
11         0 references
12         static void Main()
13         {
14             //WinForms فعال سازی حالت گرافیکی برای
15             ApplicationConfiguration.Initialize();
16
17             //اجرای فرم اصلی
18             Application.Run(new MainForm());
19         }
20     }
```

OUTLINE
TIMELINE
SOLUTION EXPLORER

Projects: PastryCafeManagementSystem Debug Any CPU Solution file opened: PastryCafeManagementSystem.sln

Ln 20, Col 1 Spaces: 4 UTF-8 CRLF {} C#

9°C Partly cloudy

Search

ASUS Vivobook