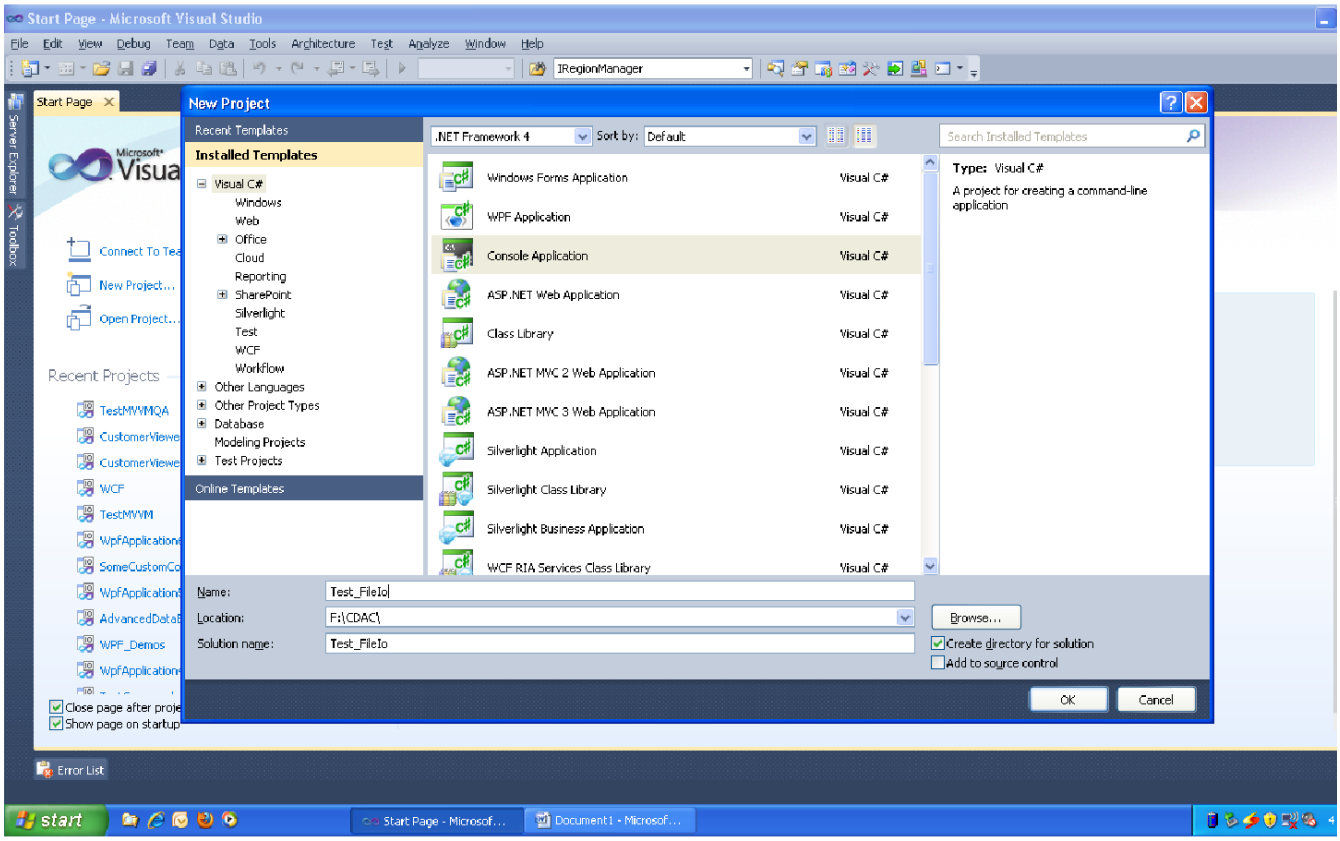
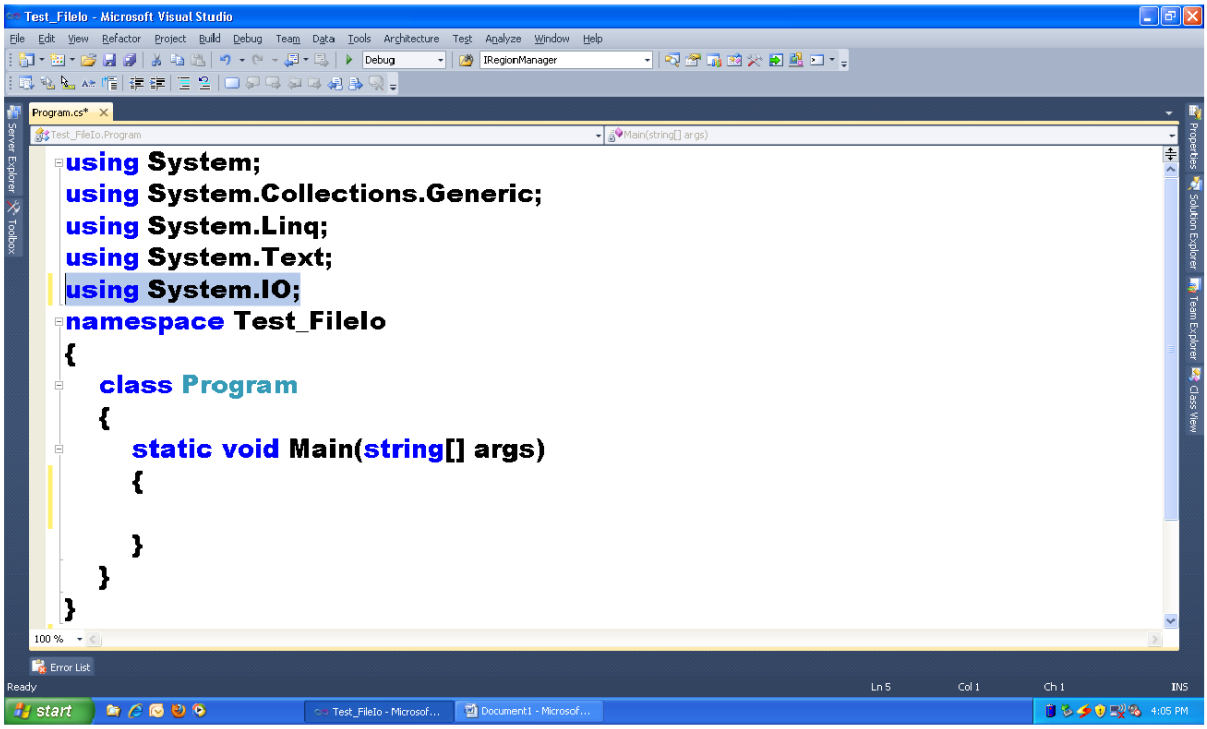
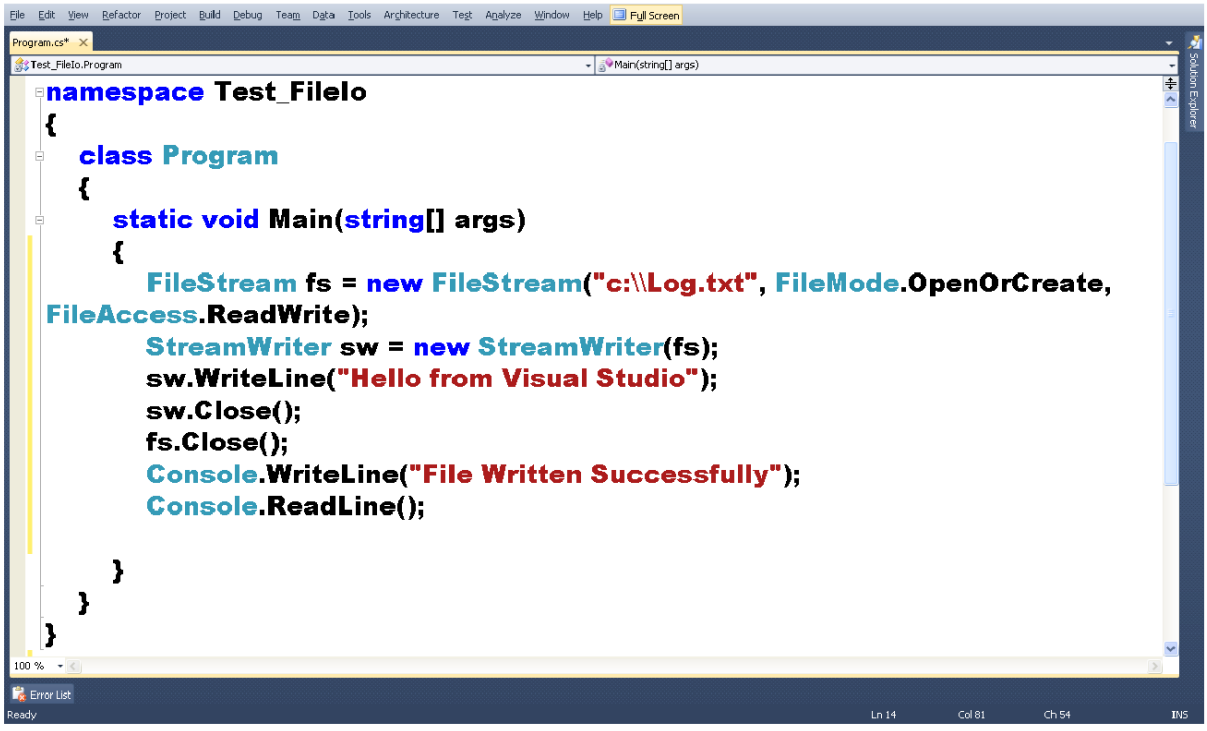
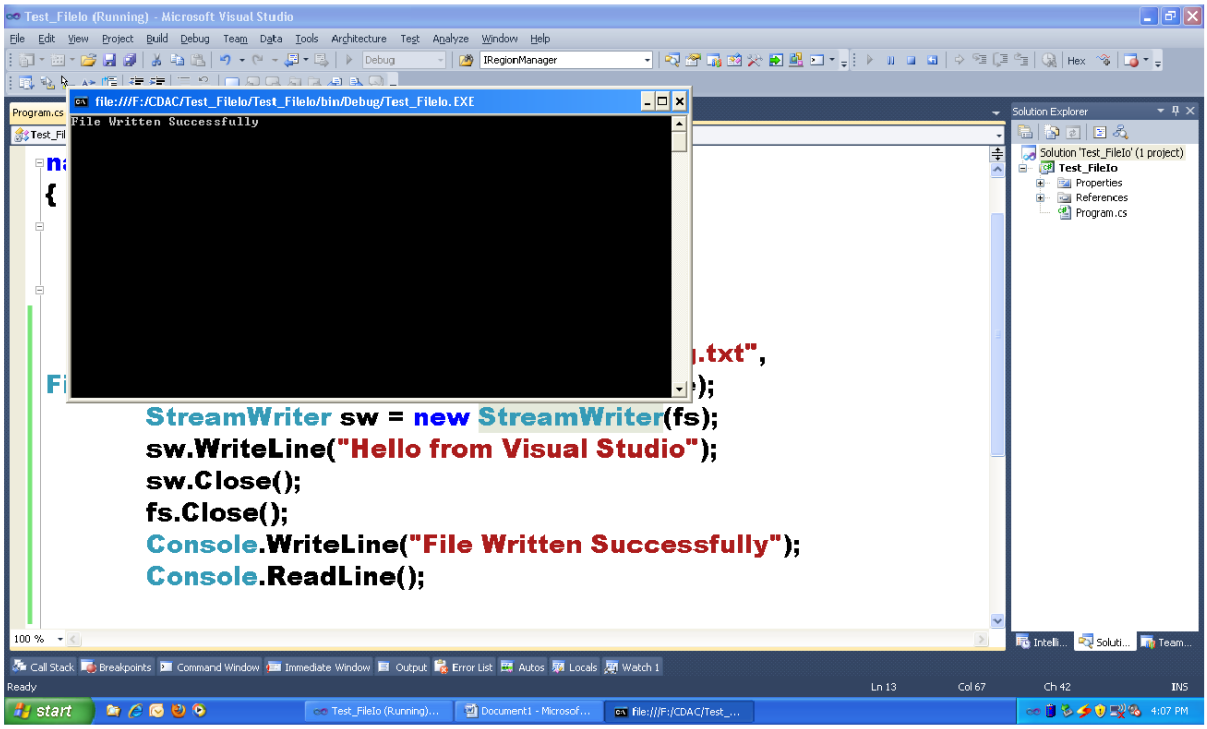
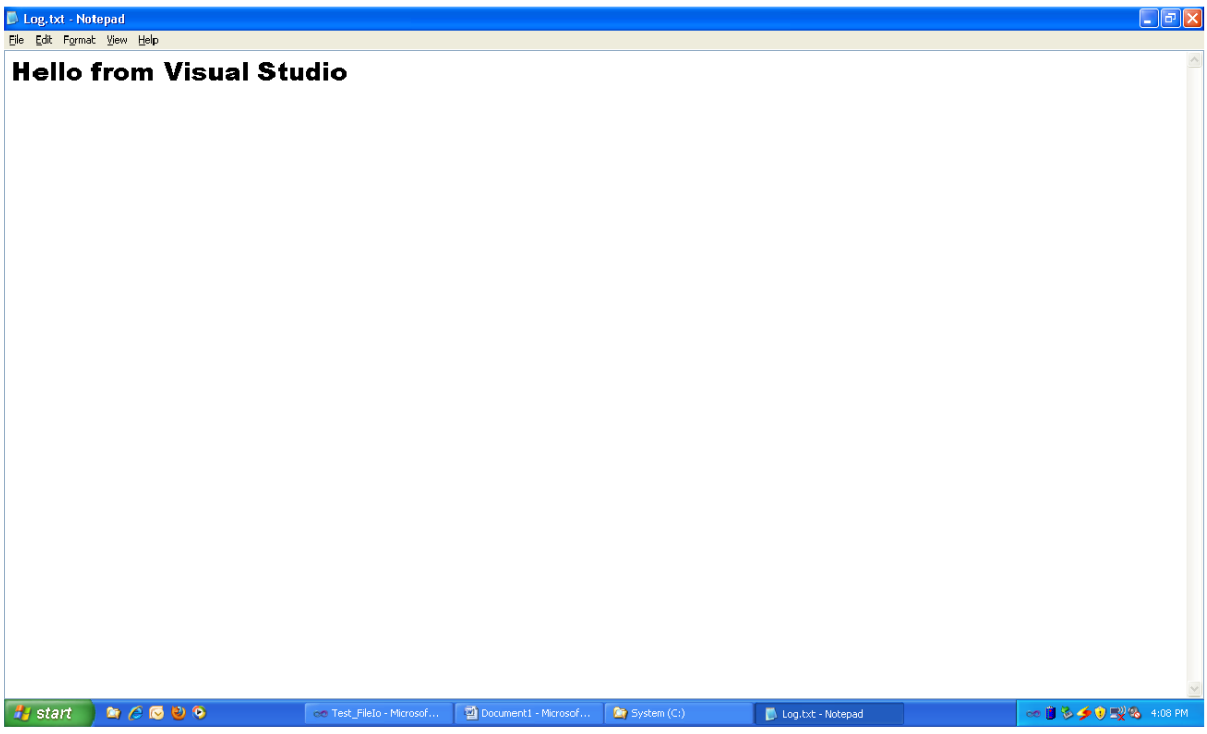
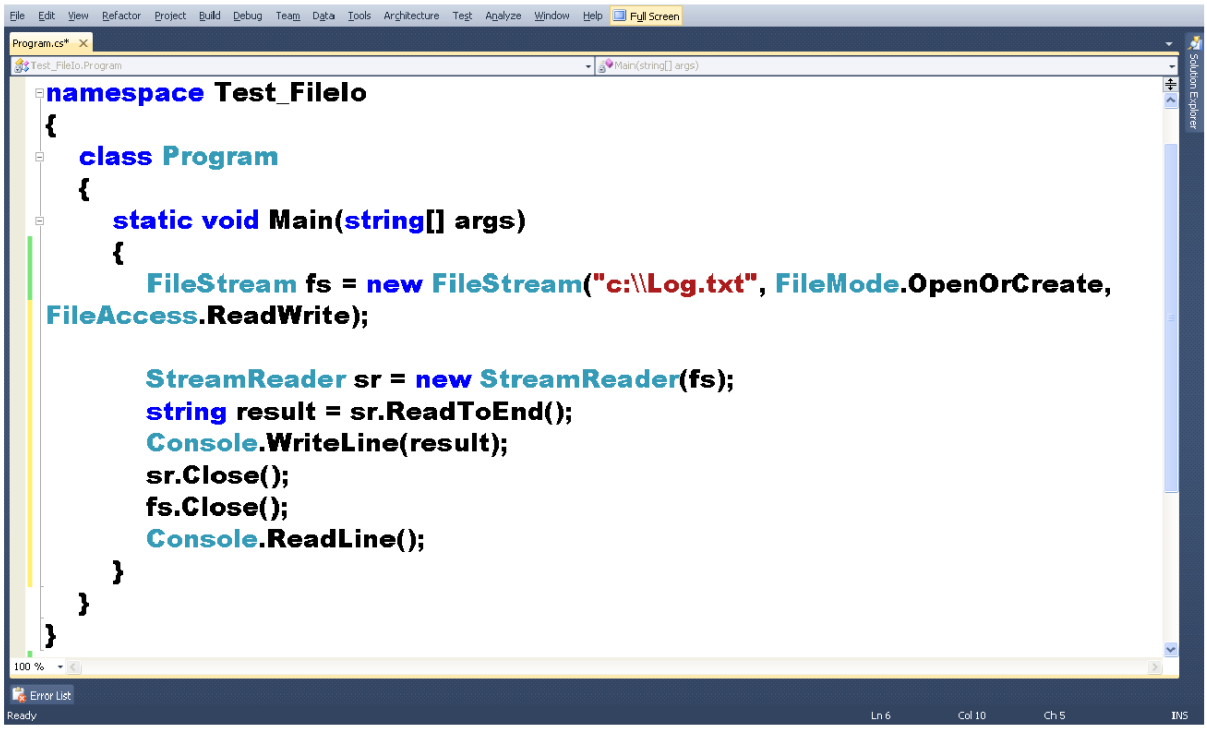

Start Page - Microsoft Visual Studio
File Edit View Debug Team Data Tools Architecture Test Analyze Window Help
IRegionManager
Start Page
New Project
Recent Templates
Installed Templates
Visual C#
Windows
Web
Office
Cloud
Reporting
SharePoint
Silverlight
Test
WCF
Workflow
Other Languages
Other Project Types
Database
Modeling Projects
Test Projects
Online Templates
.NET Framework 4
Sort by: Default
Search Installed Templates
Windows Forms Application
WPF Application
Console Application
ASP.NET Web Application
Class Library
ASP.NET MVC 2 Web Application
ASP.NET MVC 3 Web Application
Silverlight Application
Silverlight Class Library
Silverlight Business Application
WCF RIA Services Class Library
Visual C#
Type: Visual C#
A project for creating a command-line application
Name: Test_FileIo
Location: F:\CDAC\
Solution name: Test_FileIo
Browse...
Create directory for solution
Add to source control
OK
Cancel
Recent Projects
Connect To Tea
New Project...
Open Project...
Close page after proje
Show page on startup
Error List
start
Start Page - Microsof...
Document1 - Microsof...


Test_FileIo - Microsoft Visual Studio
File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Program.cs*
Test_FileIo.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.IO;
namespace Test_FileIo
{
class Program
{
static void Main(string[] args)
{
}
}
}
100 %
Error List
Ready
Ln 5
Col 1
Ch 1
INS
start
Test_FileIo - Microsof...
Document1 - Microsof...
4:05 PM


File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Program.cs*
Test_FileIo.Program
Main(string[] args)
namespace Test_FileIo
{
class Program
{
static void Main(string[] args)
{
FileStream fs = new FileStream("c:\\Log.txt", FileMode.OpenOrCreate,
FileAccess.ReadWrite);
StreamWriter sw = new StreamWriter(fs);
sw.WriteLine("Hello from Visual Studio");
sw.Close();
fs.Close();
Console.WriteLine("File Written Successfully");
Console.ReadLine();
}
}
}
100 %
Error List
Ready
Ln 14
Col 81
Ch 54
INS

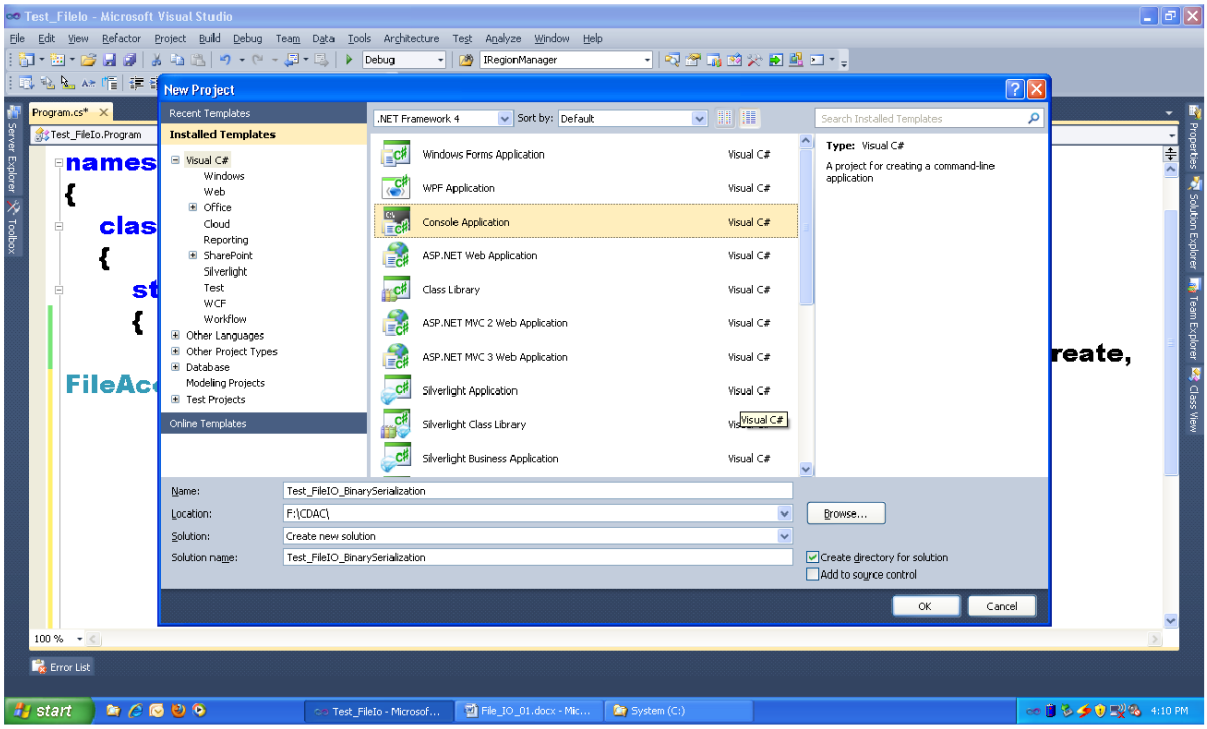

Test_FileIo (Running) - Microsoft Visual Studio
file:///F:/CDAC/Test_FileIo/Test_FileIo/bin/Debug/Test_FileIo.EXE
File Written Successfully
.txt",
);
StreamWriter sw = new StreamWriter(fs);
sw.WriteLine("Hello from Visual Studio");
sw.Close();
fs.Close();
Console.WriteLine("File Written Successfully");
Console.ReadLine();
Solution Explorer
Solution 'Test_FileIo' (1 project)
Test_FileIo
Properties
References
Program.cs
Ready
Ln 13
Col 67
Ch 42
INS

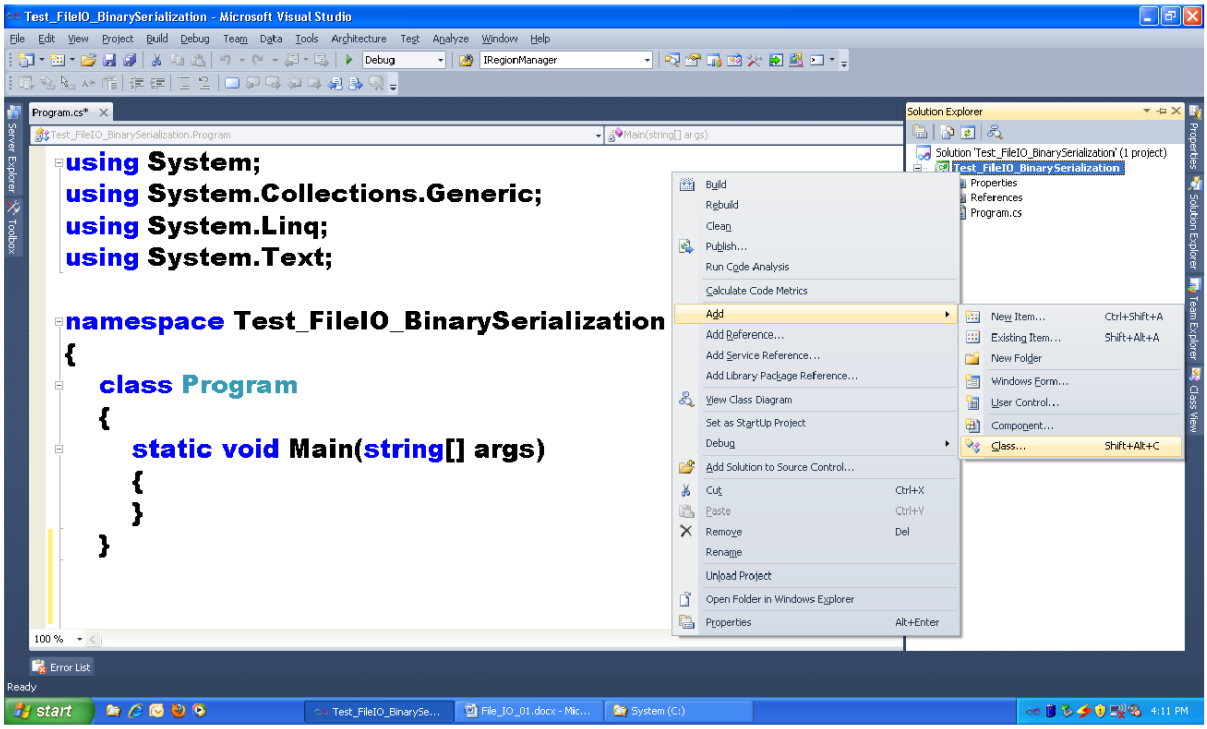

Log.txt - Notepad
File Edit Format View Help
Hello from Visual Studio

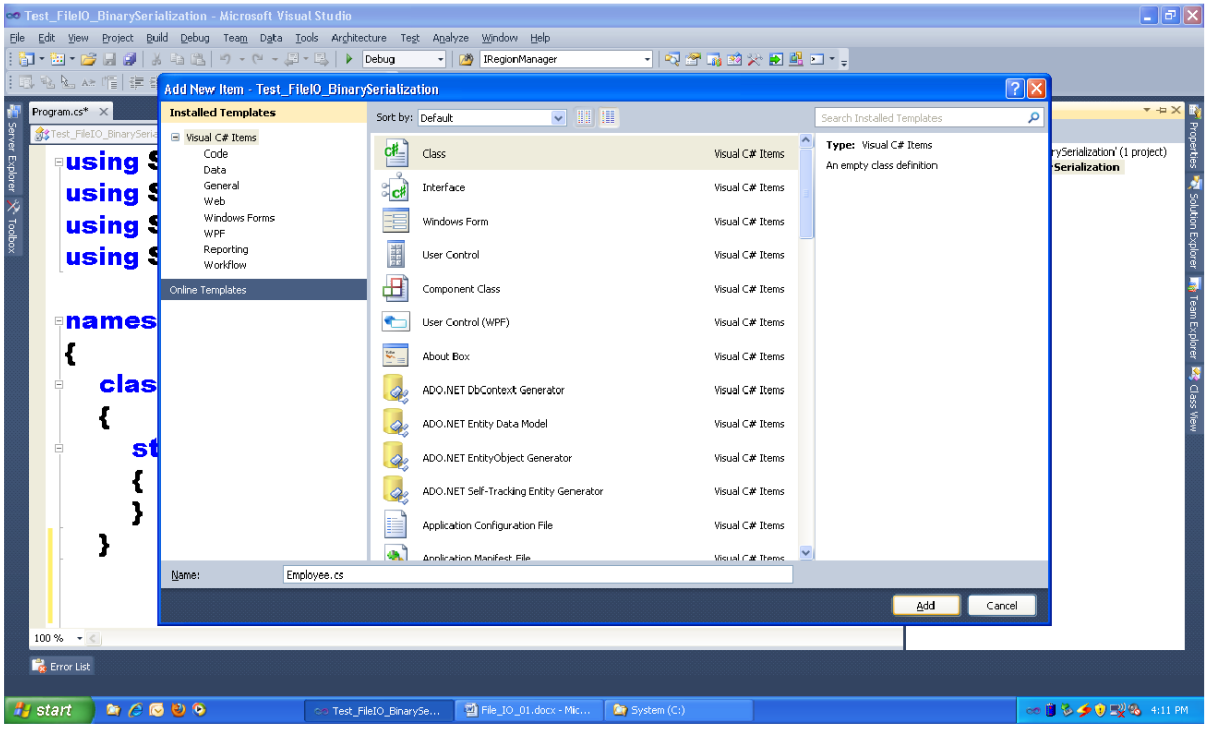


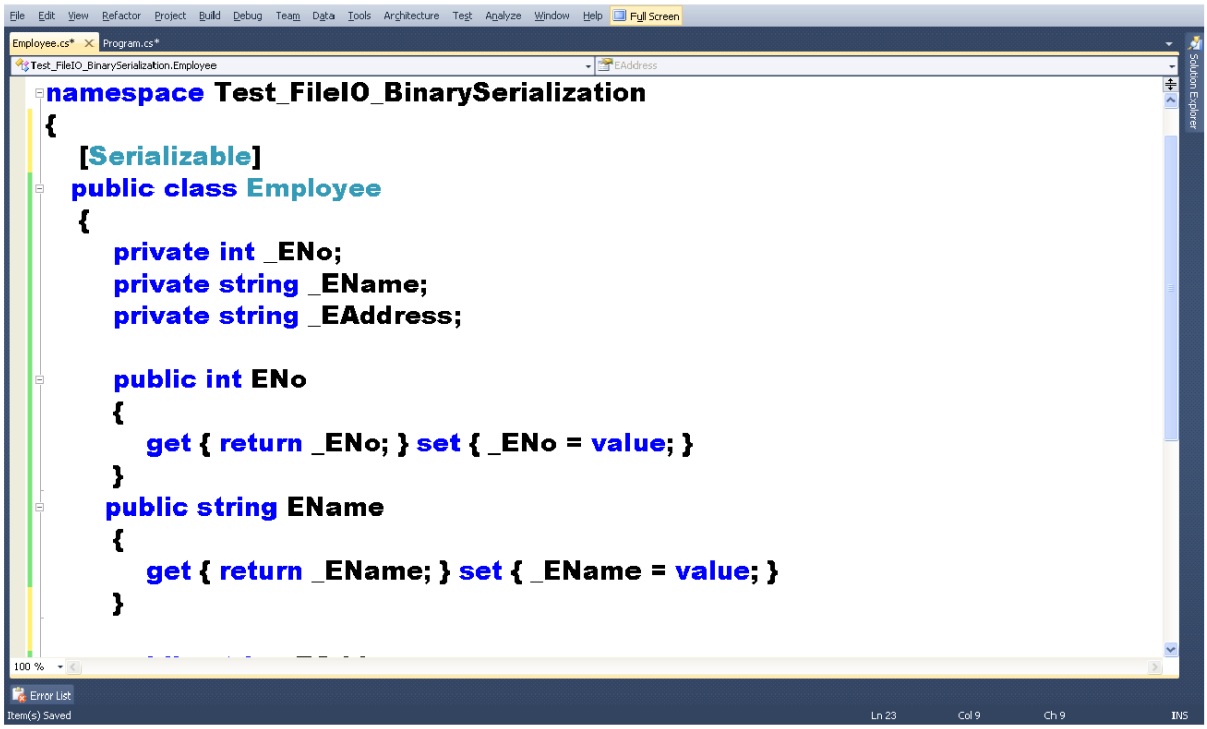
```
namespace Test_FileIo
{
    class Program
    {
        static void Main(string[] args)
        {
            FileStream fs = new FileStream("c:\\Log.txt", FileMode.OpenOrCreate,
FileAccess.ReadWrite);

            StreamReader sr = new StreamReader(fs);
            string result = sr.ReadToEnd();
            Console.WriteLine(result);
            sr.Close();
            fs.Close();
            Console.ReadLine();
        }
    }
}
```

Test_FileIO_BinarySerialization

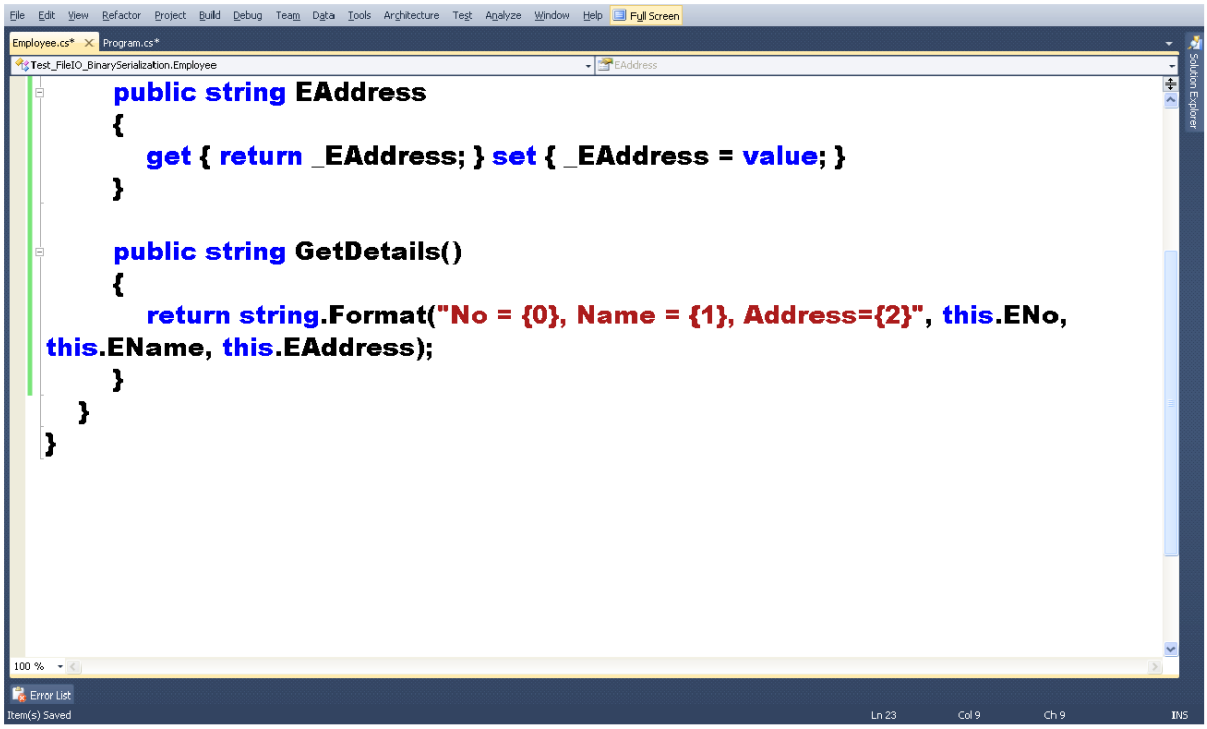



Test_FileIO_BinarySerialization - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Program.cs*
Test_FileIO_BinarySerialization.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
namespace Test_FileIO_BinarySerialization
{
class Program
{
static void Main(string[] args)
{
}
}
Solution Explorer
Solution 'Test_FileIO_BinarySerialization' (1 project)
Test_FileIO_BinarySerialization
Properties
References
Program.cs
Build
Rebuild
Clean
Publish...
Run Code Analysis
Calculate Code Metrics
Add
Add Reference...
Add Service Reference...
Add Library Package Reference...
View Class Diagram
Set as StartUp Project
Debug
Add Solution to Source Control...
Cut Ctrl+X
Paste Ctrl+V
Remove Del
Rename
Unload Project
Open Folder in Windows Explorer
Properties Alt+Enter
New Item... Ctrl+Shift+A
Existing Item... Shift+Alt+A
New Folder
Windows Form...
User Control...
Component...
Class... Shift+Alt+C
100 %
Error List
Ready
start
Test_FileIO_BinarySe...
File_IO_01.docx - Mic...
System (C:)
4:11 PM

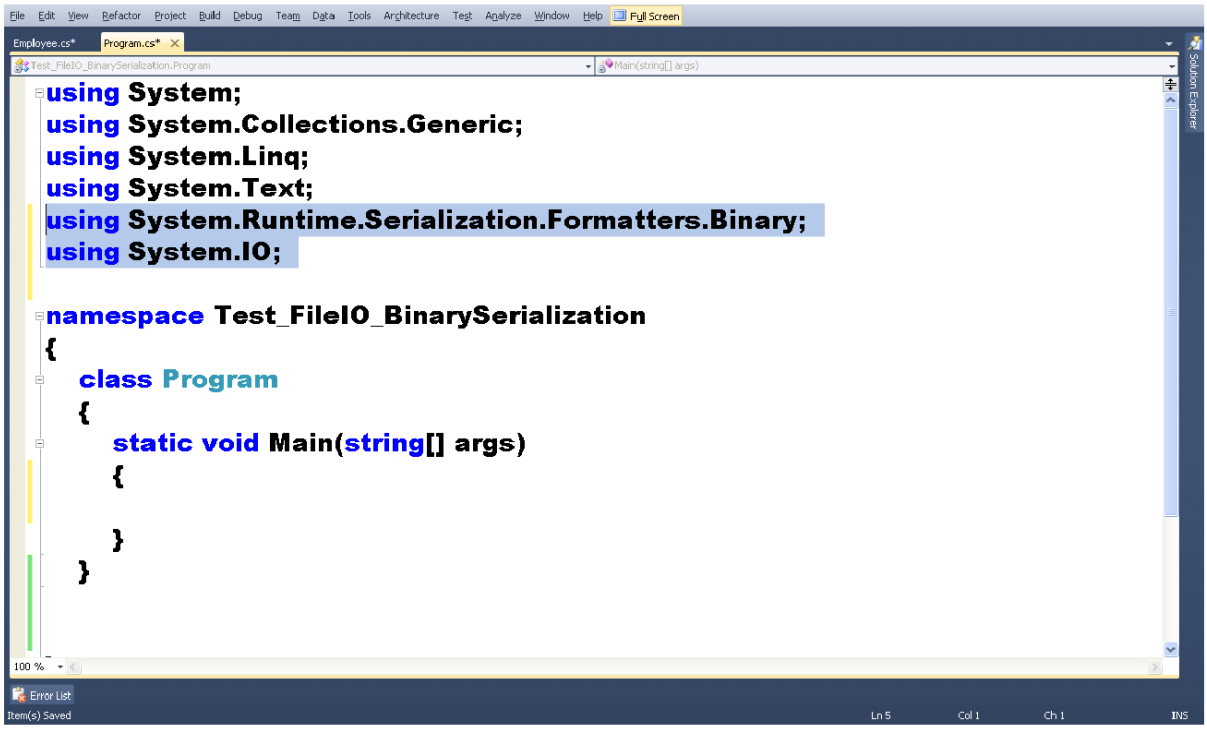

Test_FileIO_BinarySerialization - Microsoft Visual Studio
Add New Item - Test_FileIO_BinarySerialization
Installed Templates
Visual C# Items
Code
Data
General
Web
Windows Forms
WPF
Reporting
Workflow
Online Templates
Sort by: Default
Search Installed Templates
Class Visual C# Items
Interface Visual C# Items
Windows Form Visual C# Items
User Control Visual C# Items
Component Class Visual C# Items
User Control (WPF) Visual C# Items
About Box Visual C# Items
ADO.NET DbContext Generator Visual C# Items
ADO.NET Entity Data Model Visual C# Items
ADO.NET EntityObject Generator Visual C# Items
ADO.NET Self-Tracking Entity Generator Visual C# Items
Application Configuration File Visual C# Items
Type: Visual C# Items
An empty class definition
Name: Employee.cs
Add
Cancel
Error List
start
4:11 PM

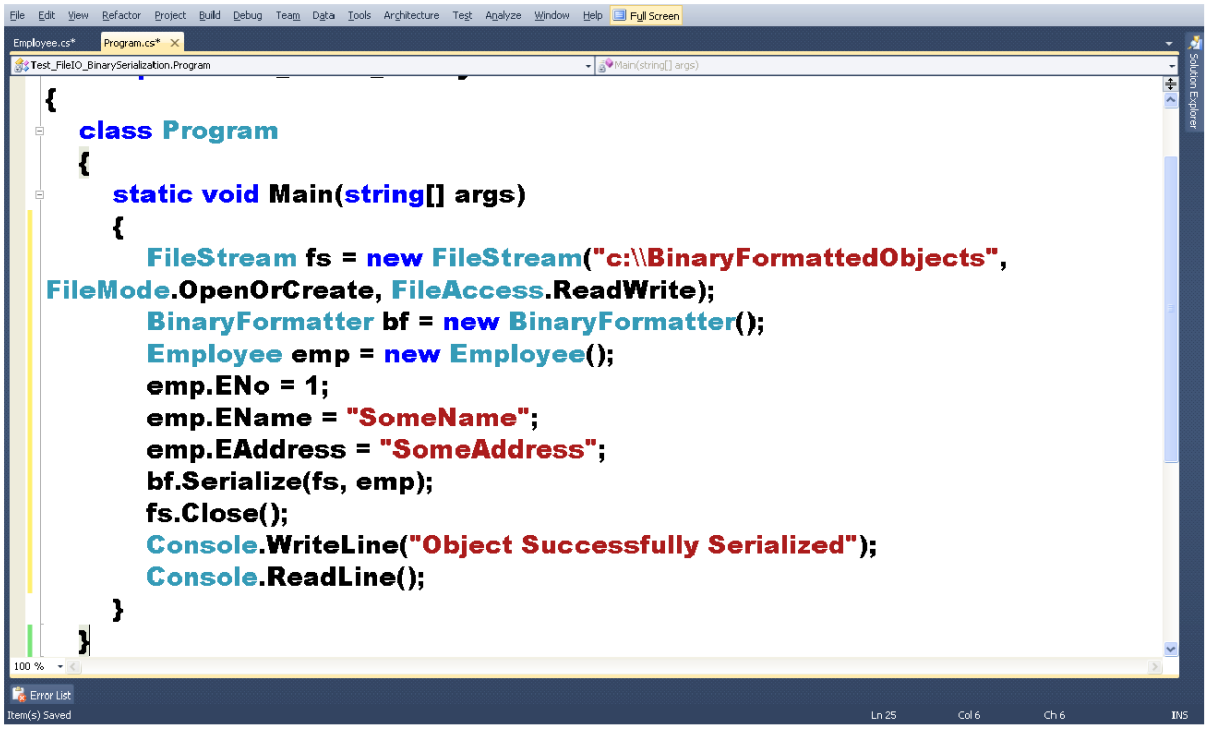


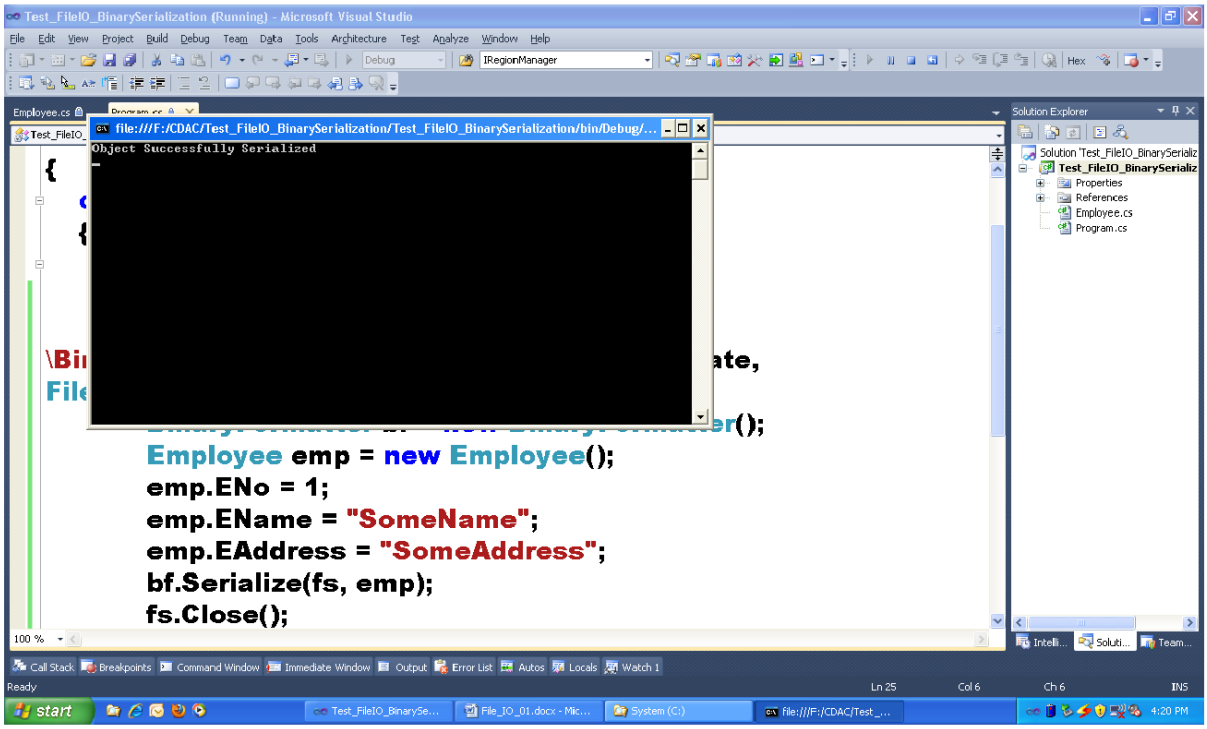
```
namespace Test_FileIO_BinarySerialization
{
    [Serializable]
    public class Employee
    {
        private int _ENo;
        private string _EName;
        private string _EAddress;

        public int ENo
        {
            get { return _ENo; } set { _ENo = value; }
        }
        public string EName
        {
            get { return _EName; } set { _EName = value; }
        }
```

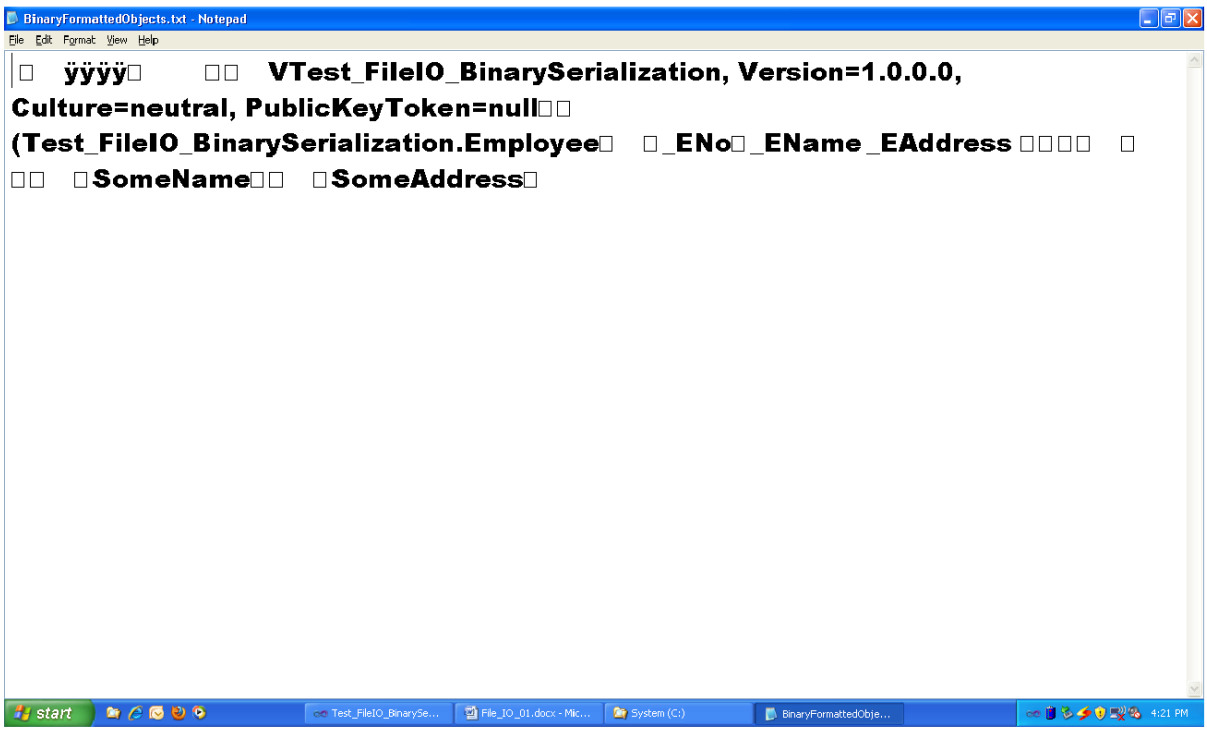


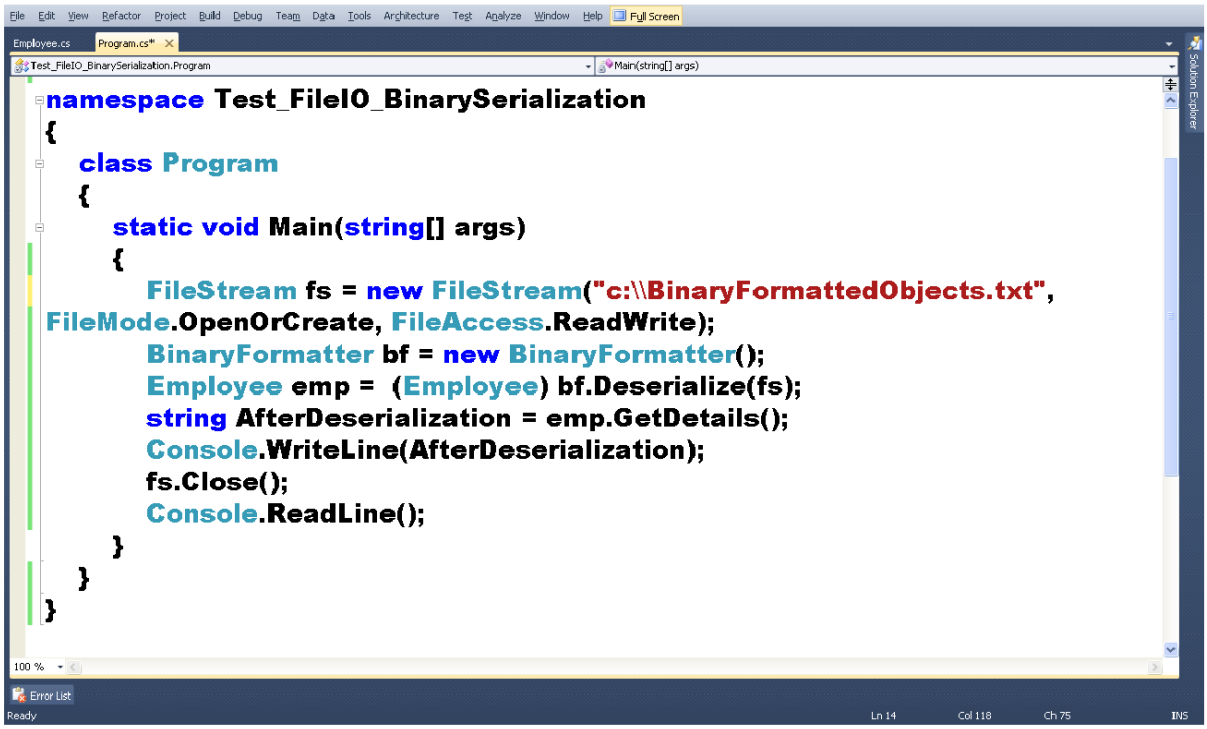
```
        public string EAddress
        {
            get { return _EAddress; } set { _EAddress = value; }
        }

        public string GetDetails()
        {
            return string.Format("No = {0}, Name = {1}, Address={2}", this.ENo,
this.EName, this.EAddress);
        }
    }
}
```


File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Employee.cs* Program.cs*
Test_FileIO_BinarySerialization.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Runtime.Serialization.Formatters.Binary;
using System.IO;
namespace Test_FileIO_BinarySerialization
{
class Program
{
static void Main(string[] args)
{
}
}
100 %
Error List
Item(s) Saved
Ln 5
Col 1
Ch 1
INS
Solution Explorer

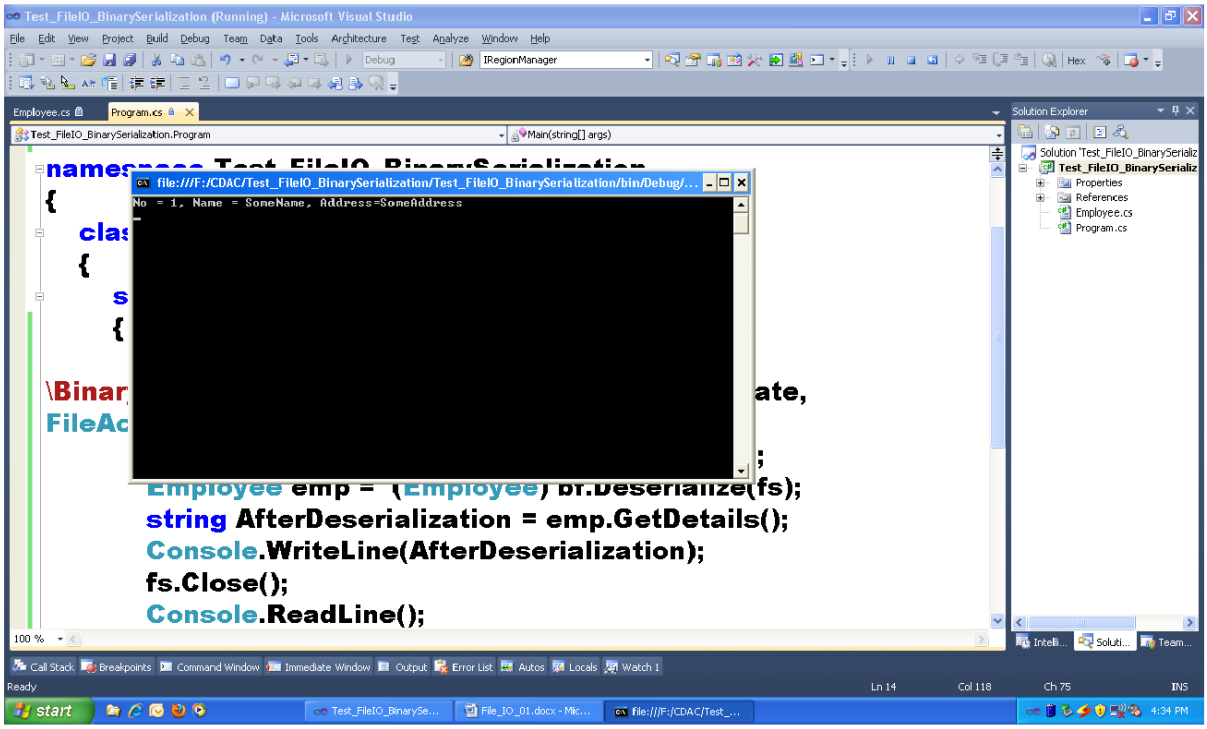

File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Employee.cs* Program.cs*
Test_FileIO_BinarySerialization.Program
Main(string[] args)
{
class Program
{
static void Main(string[] args)
{
FileStream fs = new FileStream("c:\\BinaryFormattedObjects",
FileMode.OpenOrCreate, FileAccess.ReadWrite);
BinaryFormatter bf = new BinaryFormatter();
Employee emp = new Employee();
emp.ENo = 1;
emp.EName = "SomeName";
emp.EAddress = "SomeAddress";
bf.Serialize(fs, emp);
fs.Close();
Console.WriteLine("Object Successfully Serialized");
Console.ReadLine();
}
}
100 %
Error List
Item(s) Saved
Ln 25
Col 6
Ch 6
INS
Solution Explorer


Test_FileIO_BinarySerialization (Running) - Microsoft Visual Studio
file:///F:/CDAC/Test_FileIO_BinarySerialization/Test_FileIO_BinarySerialization/bin/Debug/...
Object Successfully Serialized
Solution Explorer
Employee emp = new Employee();
emp.ENo = 1;
emp.EName = "SomeName";
emp.EAddress = "SomeAddress";
bf.Serialize(fs, emp);
fs.Close();


BinaryFormattedObjects.txt - Notepad
VTest_FileIO_BinarySerialization, Version=1.0.0.0,
Culture=neutral, PublicKeyToken=null
(Test_FileIO_BinarySerialization.Employee
_ENo _EName _EAddress
SomeName
SomeAddress

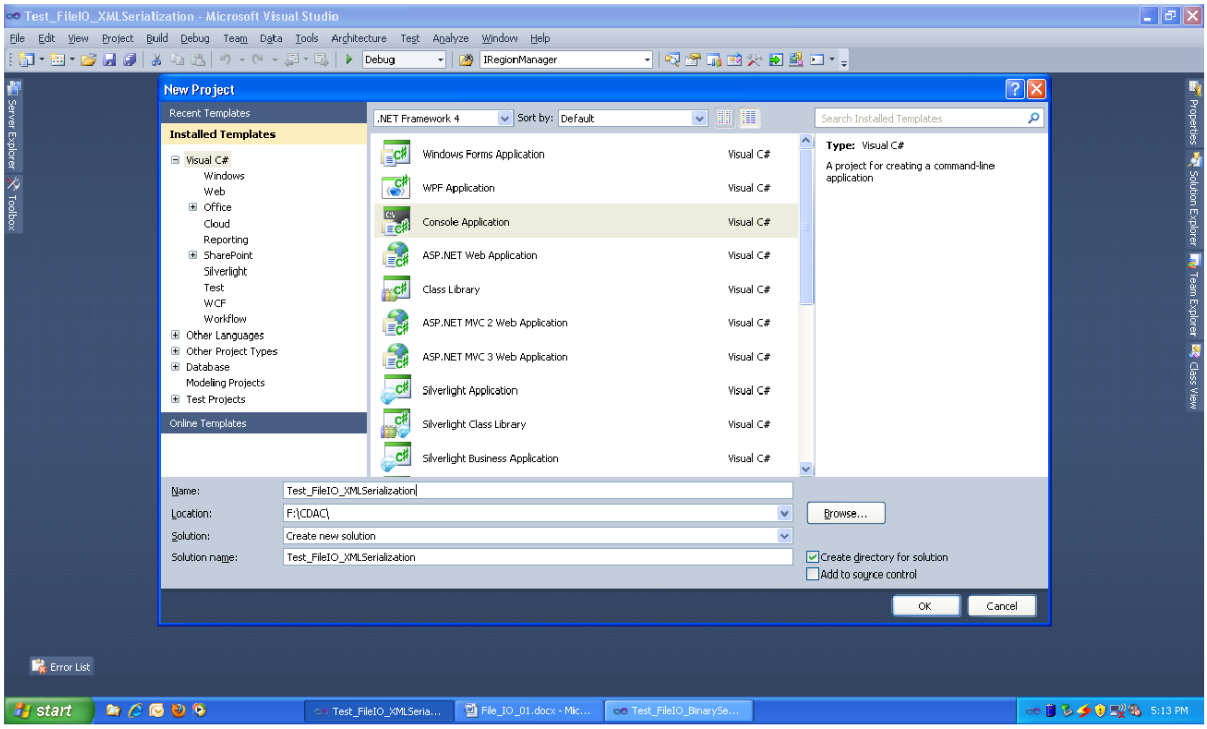


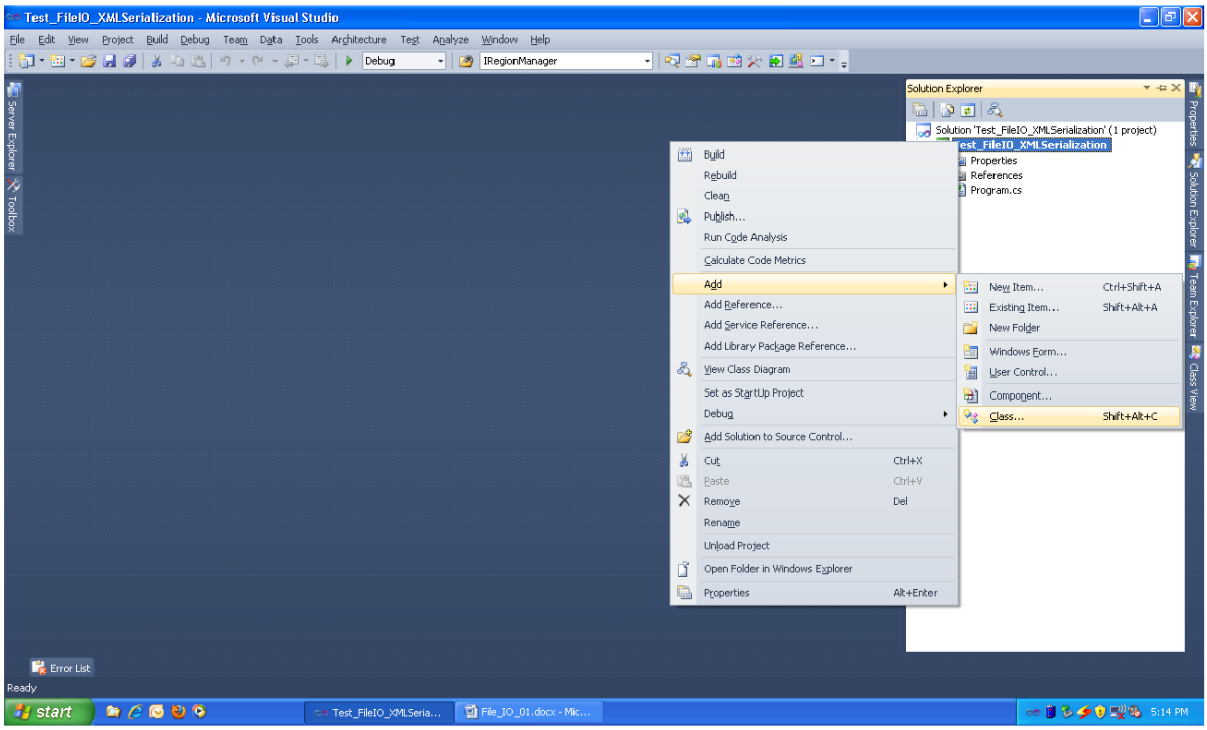
```
namespace Test_FileIO_BinarySerialization
{
    class Program
    {
        static void Main(string[] args)
        {
            FileStream fs = new FileStream("c:\\BinaryFormattedObjects.txt",
FileMode.OpenOrCreate, FileAccess.ReadWrite);
            BinaryFormatter bf = new BinaryFormatter();
            Employee emp =  (Employee) bf.Deserialize(fs);
            string AfterDeserialization = emp.GetDetails();
            Console.WriteLine(AfterDeserialization);
            fs.Close();
            Console.ReadLine();
        }
    }
}
```

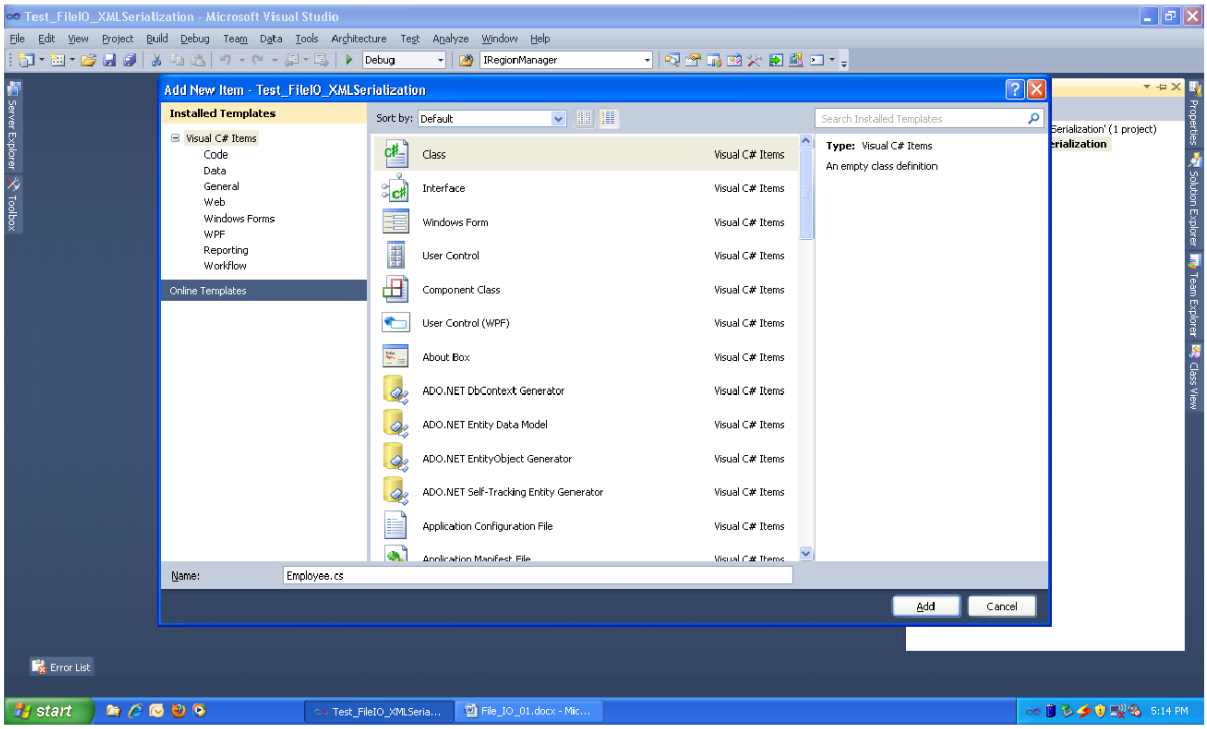


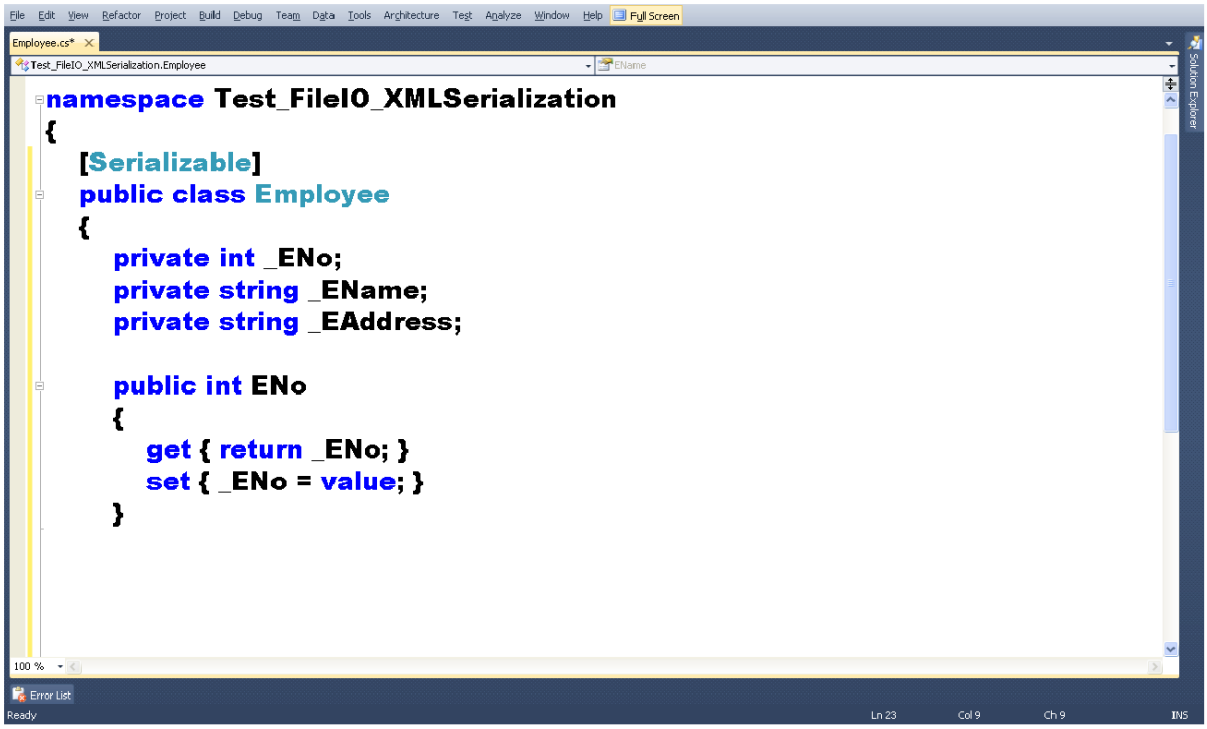
```
No = 1, Name = SomeName, Address=SomeAddress
```

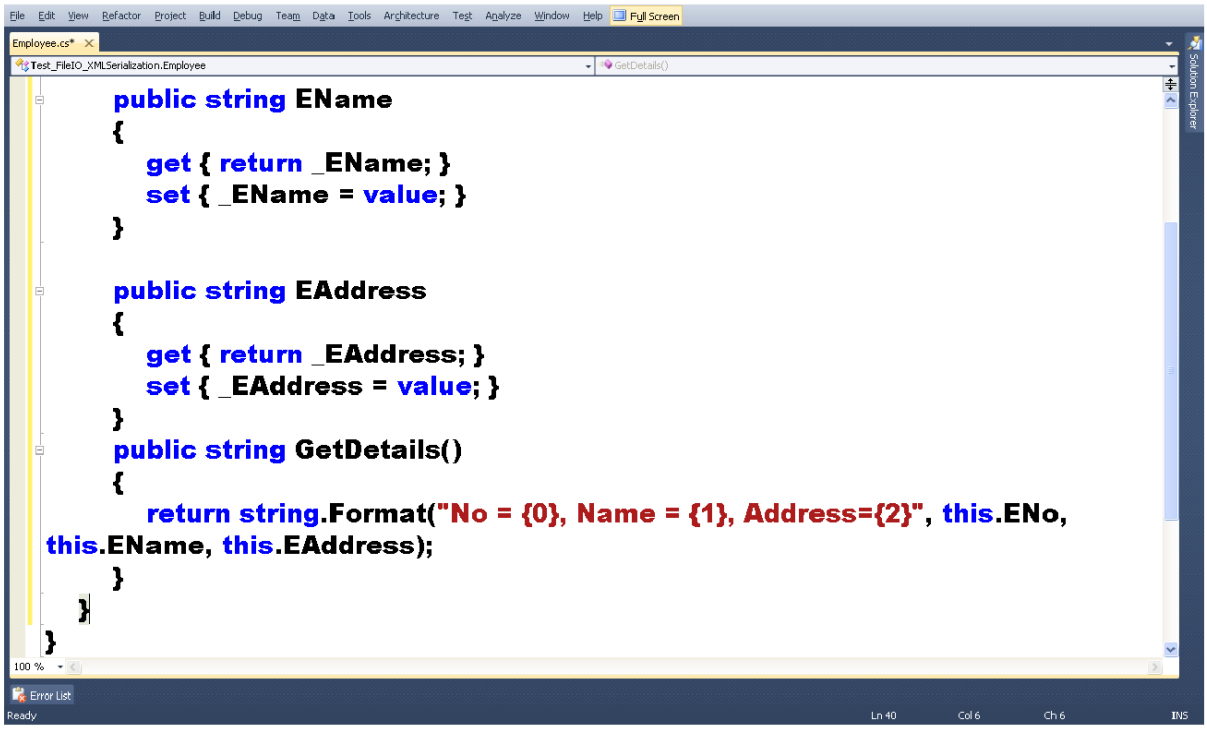
Test_FileIO_XMLSerialization

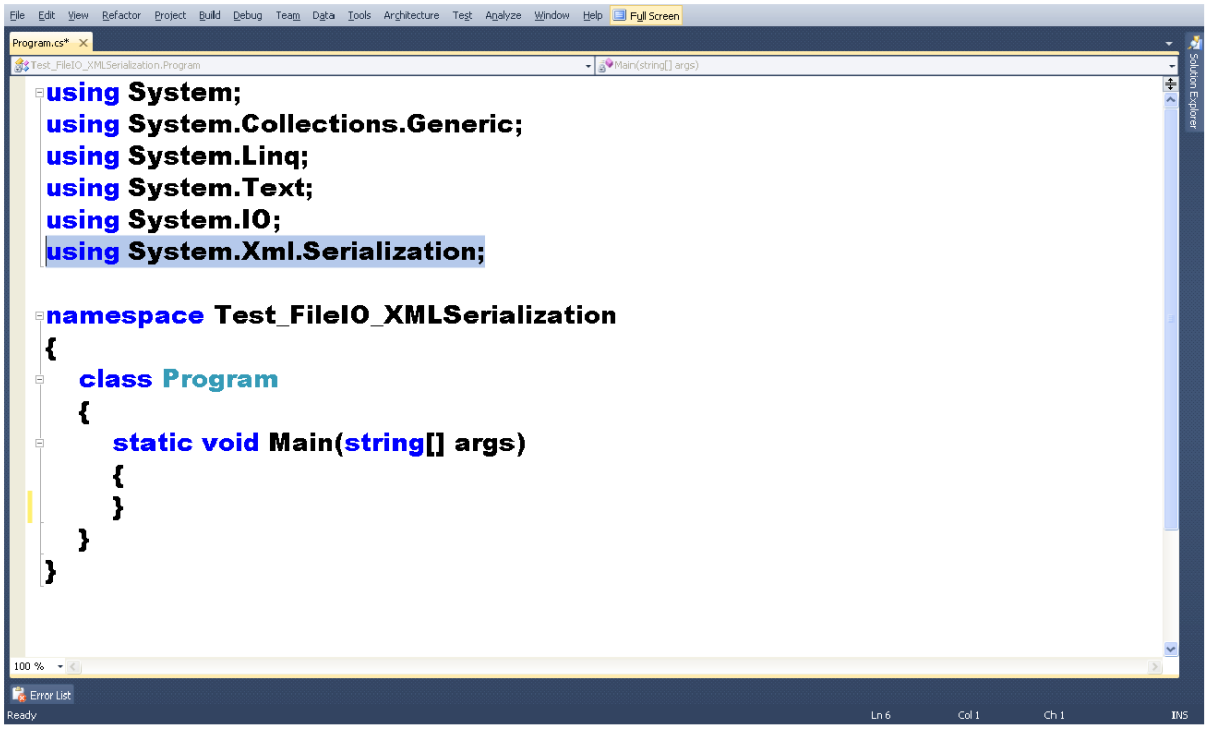


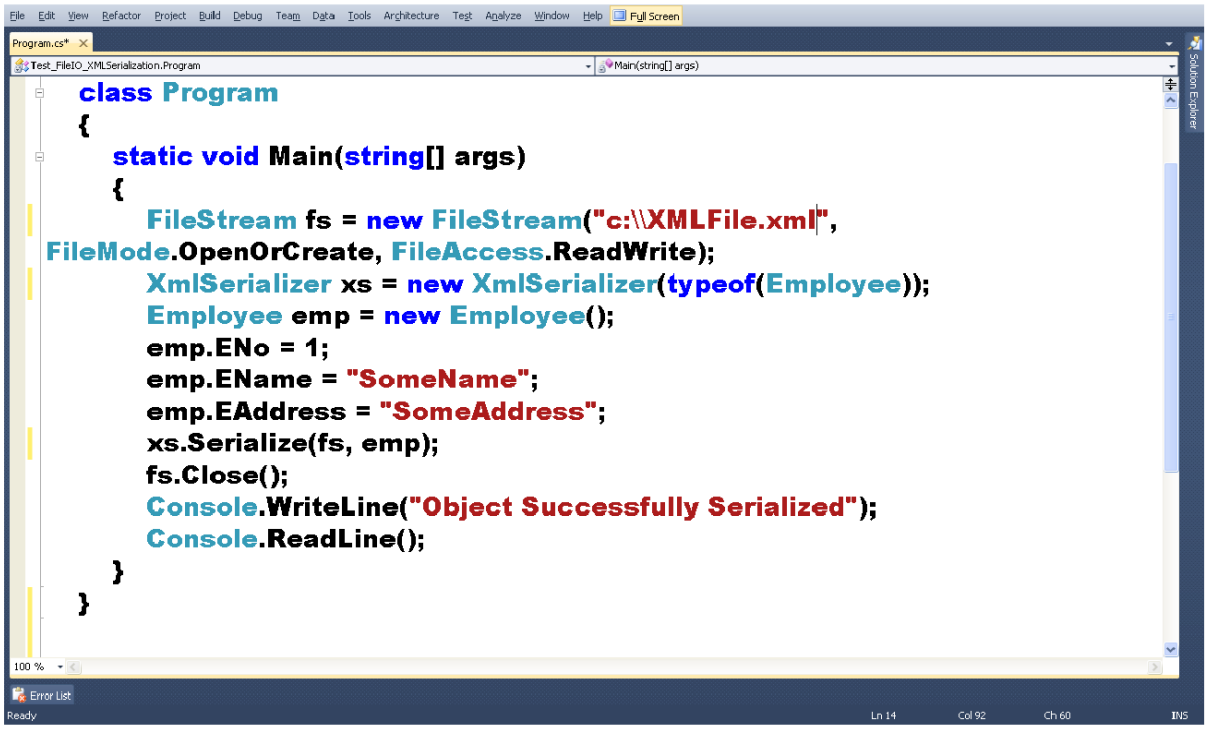


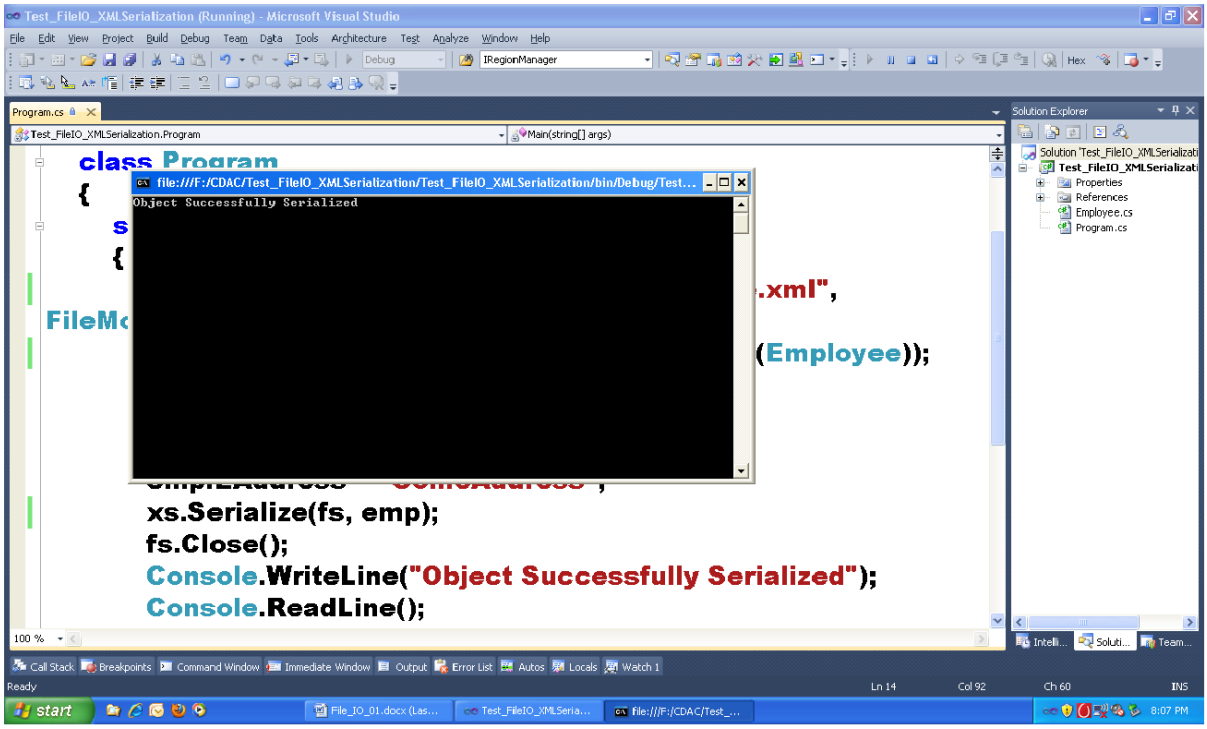

Test_FileIO_XMLSerialization - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Add New Item - Test_FileIO_XMLSerialization
Installed Templates
Visual C# Items
Code
Data
General
Web
Windows Forms
WPF
Reporting
Workflow
Online Templates
Sort by: Default
Search Installed Templates
Class
Interface
Windows Form
User Control
Component Class
User Control (WPF)
About Box
ADO.NET DbContext Generator
ADO.NET Entity Data Model
ADO.NET EntityObject Generator
ADO.NET Self-Tracking Entity Generator
Application Configuration File
Visual C# Items
Type: Visual C# Items
An empty class definition
Name:
Employee.cs
Add
Cancel
Error List
start
5:14 PM

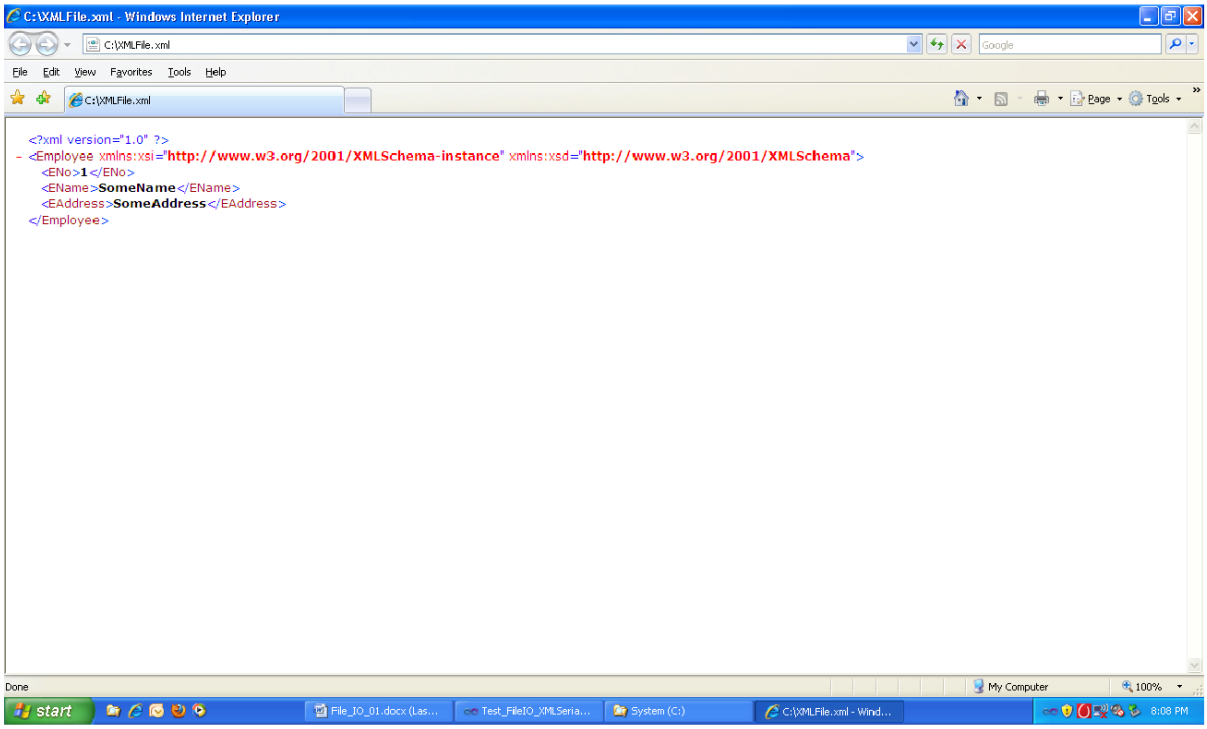

File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Employee.cs*
Test_FileIO_XMLSerialization.Employee
ENo
namespace Test_FileIO_XMLSerialization
{
[Serializable]
public class Employee
{
private int _ENo;
private string _EName;
private string _EAddress;
public int ENo
{
get { return _ENo; }
set { _ENo = value; }
}
100 %
Error List
Ready
Ln 23
Col 9
Ch 9
INS

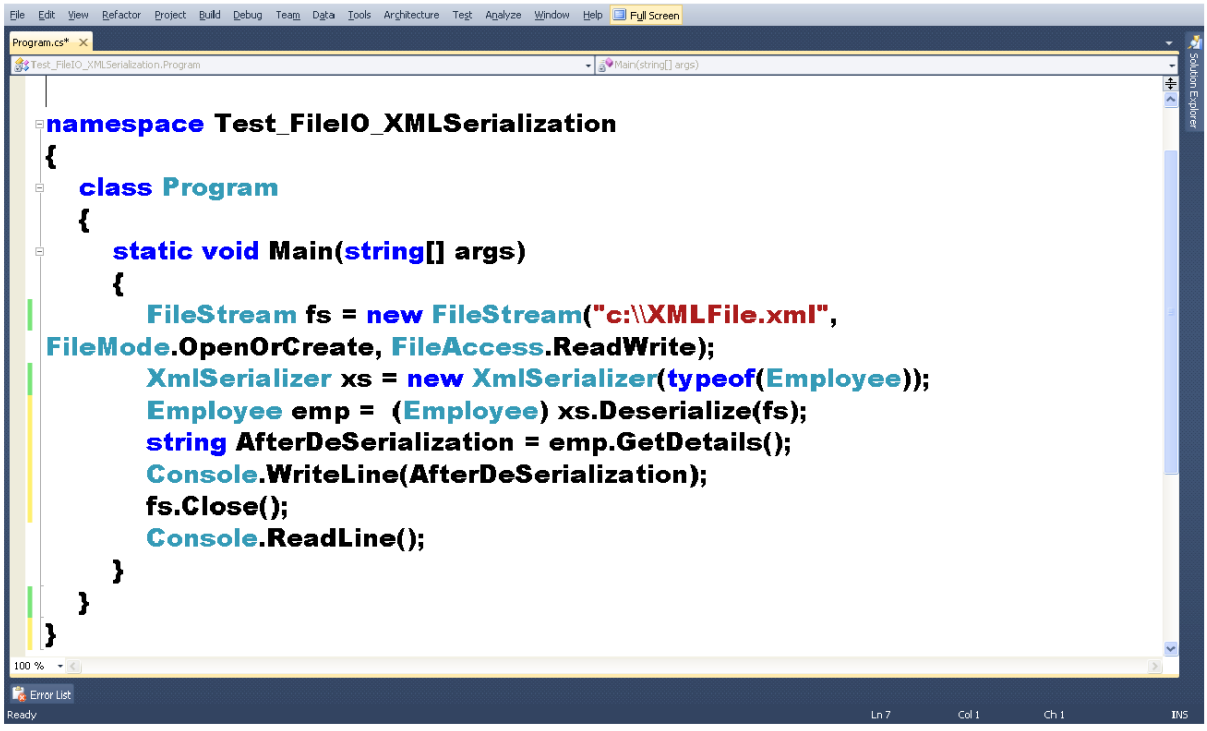

File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Employee.cs*
Test_FileIO_XMLSerialization.Employee
GetDetails()
public string EName
{
get { return _EName; }
set { _EName = value; }
}
public string EAddress
{
get { return _EAddress; }
set { _EAddress = value; }
}
public string GetDetails()
{
return string.Format("No = {0}, Name = {1}, Address={2}", this.ENo, this.EName, this.EAddress);
}
}
}
100 %
Error List
Ready
Ln 40
Col 6
Ch 6
INS
Solution Explorer

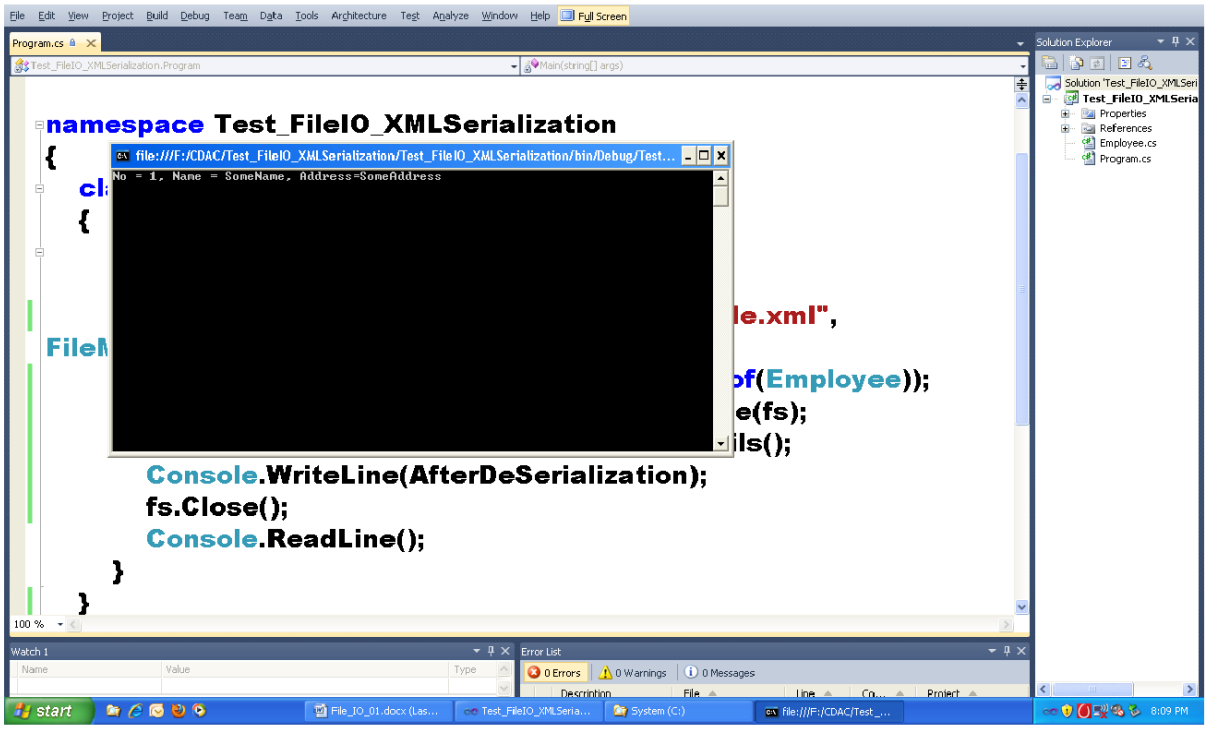

File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Program.cs*
Test_FileIO_XMLSerialization.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.IO;
using System.Xml.Serialization;
namespace Test_FileIO_XMLSerialization
{
class Program
{
static void Main(string[] args)
{
}
}
}
100 %
Error List
Ready
Ln 6
Col 1
Ch 1
INS
Solution Explorer

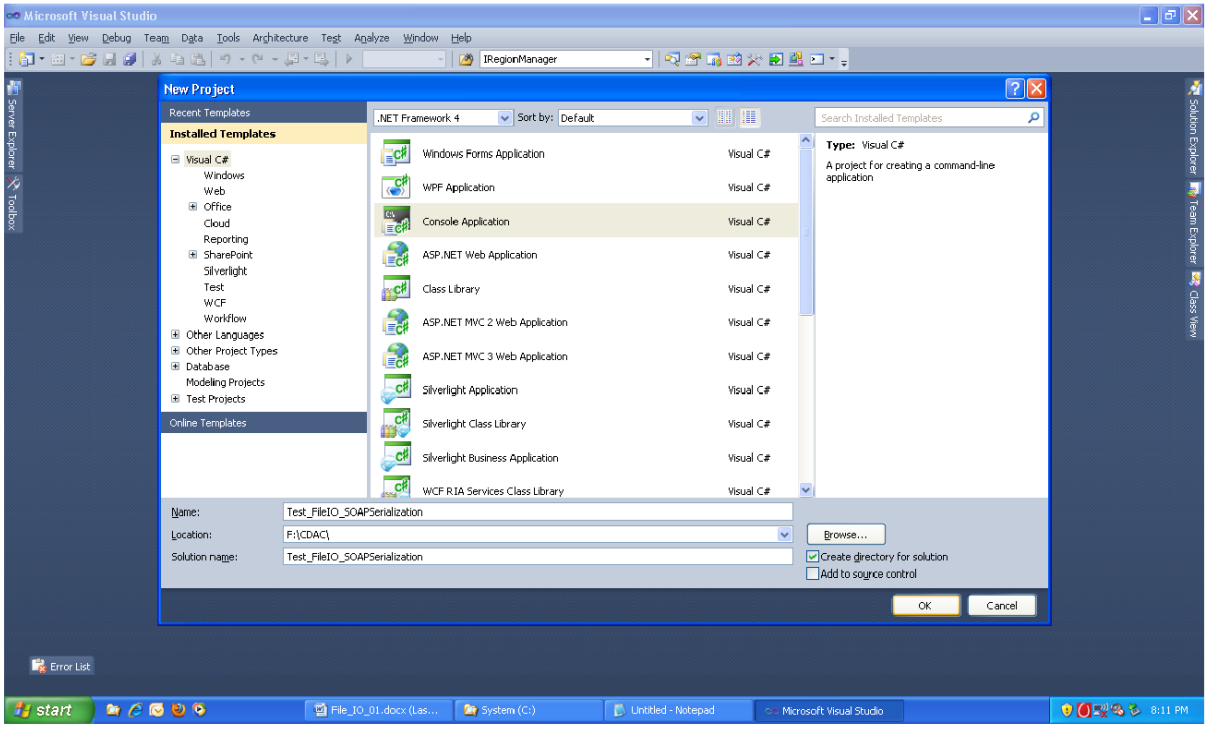

File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Program.cs*
Test_FileIO_XMLSerialization.Program
Main(string[] args)
class Program
{
static void Main(string[] args)
{
FileStream fs = new FileStream("c:\\XMLFile.xml",
FileMode.OpenOrCreate, FileAccess.ReadWrite);
XmlSerializer xs = new XmlSerializer(typeof(Employee));
Employee emp = new Employee();
emp.ENo = 1;
emp.EName = "SomeName";
emp.EAddress = "SomeAddress";
xs.Serialize(fs, emp);
fs.Close();
Console.WriteLine("Object Successfully Serialized");
Console.ReadLine();
}
}
100 %
Error List
Ready
Ln 14
Col 92
Ch 60
INS

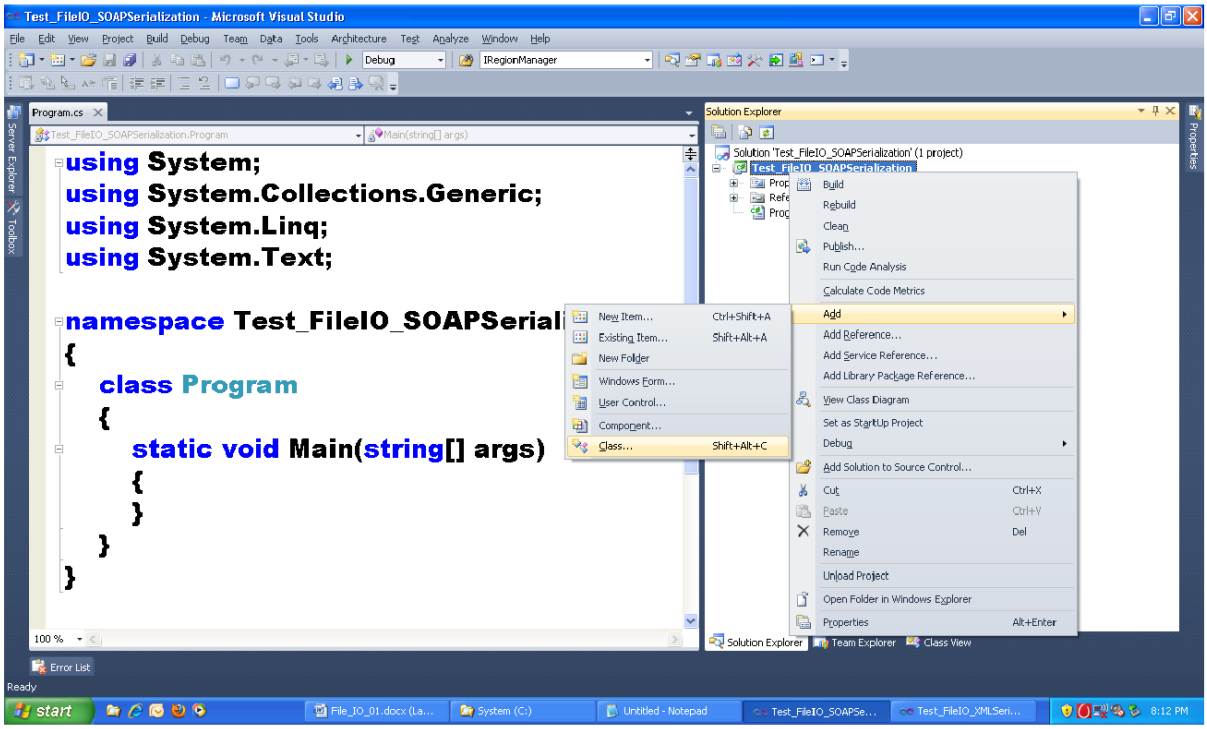

Test_FileIO_XMLSerialization (Running) - Microsoft Visual Studio
Program.cs
Test_FileIO_XMLSerialization.Program
Main(string[] args)
file:///F:/CDAC/Test_FileIO_XMLSerialization/Test_FileIO_XMLSerialization/bin/Debug/Test...
Object Successfully Serialized
xs.Serialize(fs, emp);
fs.Close();
Console.WriteLine("Object Successfully Serialized");
Console.ReadLine();
Solution Explorer
Properties
References
Employee.cs
Program.cs
Call Stack
Breakpoints
Command Window
Immediate Window
Output
Error List
Autos
Locals
Watch 1
Ready
Ln 14
Col 92
Ch 60
INS
start
8:07 PM


C:\XMLFile.xml - Windows Internet Explorer
C:\XMLFile.xml
File Edit View Favorites Tools Help
C:\XMLFile.xml
Page Tools
<?xml version="1.0" ?>
<Employee xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<ENo>1</ENo>
<EName>SomeName</EName>
<EAddress>SomeAddress</EAddress>
</Employee>
Done
My Computer
100%
start
File_IO_01.docx (Las...
Test_FileIO_XMLSeria...
System (C:)
C:\XMLFile.xml - Wind...
8:08 PM


File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help Full Screen
Program.cs*
Test_FileIO_XMLSerialization.Program
Main(string[] args)
namespace Test_FileIO_XMLSerialization
{
class Program
{
static void Main(string[] args)
{
FileStream fs = new FileStream("c:\\XMLFile.xml",
FileMode.OpenOrCreate, FileAccess.ReadWrite);
XmlSerializer xs = new XmlSerializer(typeof(Employee));
Employee emp = (Employee) xs.Deserialize(fs);
string AfterDeSerialization = emp.GetDetails();
Console.WriteLine(AfterDeSerialization);
fs.Close();
Console.ReadLine();
}
}
}
100 %
Error List
Ready
Ln 7
Col 1
Ch 1
INS


namespace Test_FileIO_XMLSerialization
{
file:///F:/CDAC/Test_FileIO_XMLSerialization/Test_FileIO_XMLSerialization/bin/Debug/Test...
No = 1, Name = SomeName, Address=SomeAddress
Console.WriteLine(AfterDeSerialization);
fs.Close();
Console.ReadLine();
}
}


Microsoft Visual Studio
New Project
Installed Templates
Visual C#
Windows Forms Application
WPF Application
Console Application
ASP.NET Web Application
Class Library
Silverlight Application
Silverlight Class Library
Silverlight Business Application
WCF RIA Services Class Library
Name: Test_FileIO_SOAPSerialization
Location: F:\CDAC\
Solution name: Test_FileIO_SOAPSerialization
OK
Cancel


Test_FileIO_SOAPSerialization - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Program.cs
Test_FileIO_SOAPSerialization.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
namespace Test_FileIO_SOAPSerial
{
class Program
{
static void Main(string[] args)
{
}
}
}
Solution Explorer
Solution 'Test_FileIO_SOAPSerialization' (1 project)
Test_FileIO_SOAPSerialization
Build
Rebuild
Clean
Publish...
Run Code Analysis
Calculate Code Metrics
Add
Add Reference...
Add Service Reference...
Add Library Package Reference...
View Class Diagram
Set as StartUp Project
Debug
Add Solution to Source Control...
Cut Ctrl+X
Paste Ctrl+V
Remove Del
Rename
Unload Project
Open Folder in Windows Explorer
Properties Alt+Enter
New Item... Ctrl+Shift+A
Existing Item... Shift+Alt+A
New Folder
Windows Form...
User Control...
Component...
Class... Shift+Alt+C
100 %
Error List
Ready
Solution Explorer
Team Explorer
Class View
Properties
start
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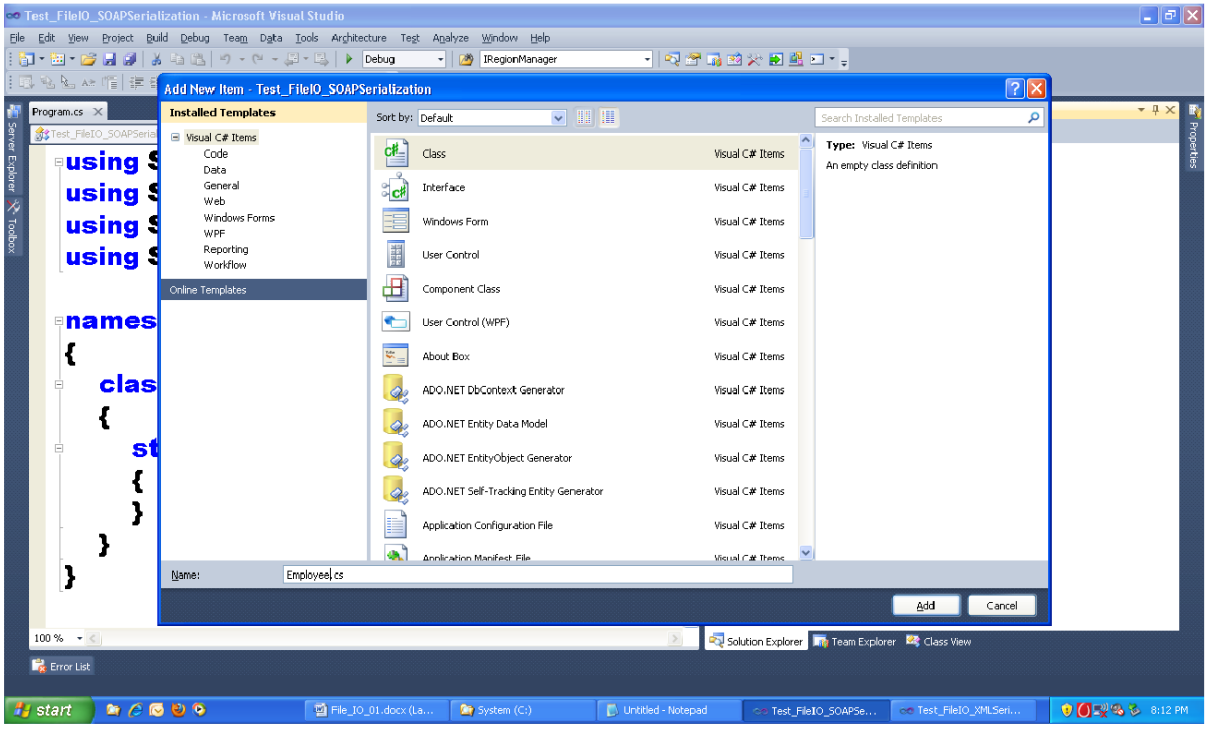
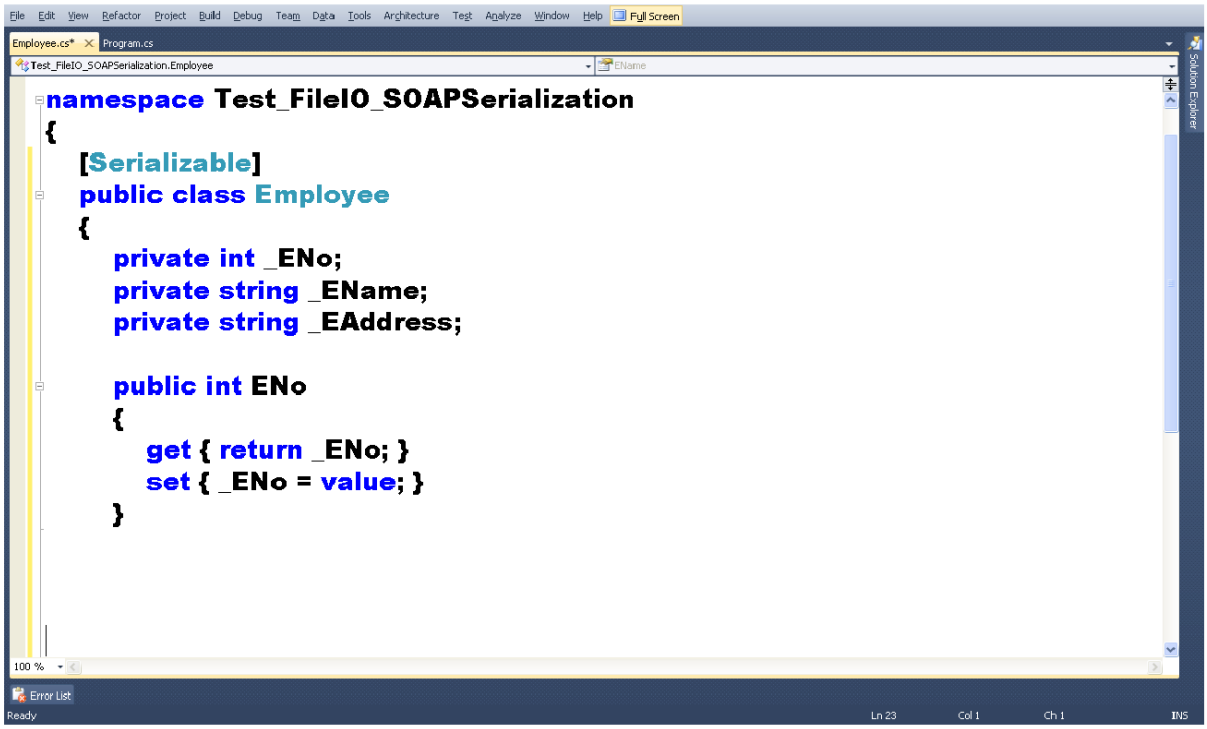
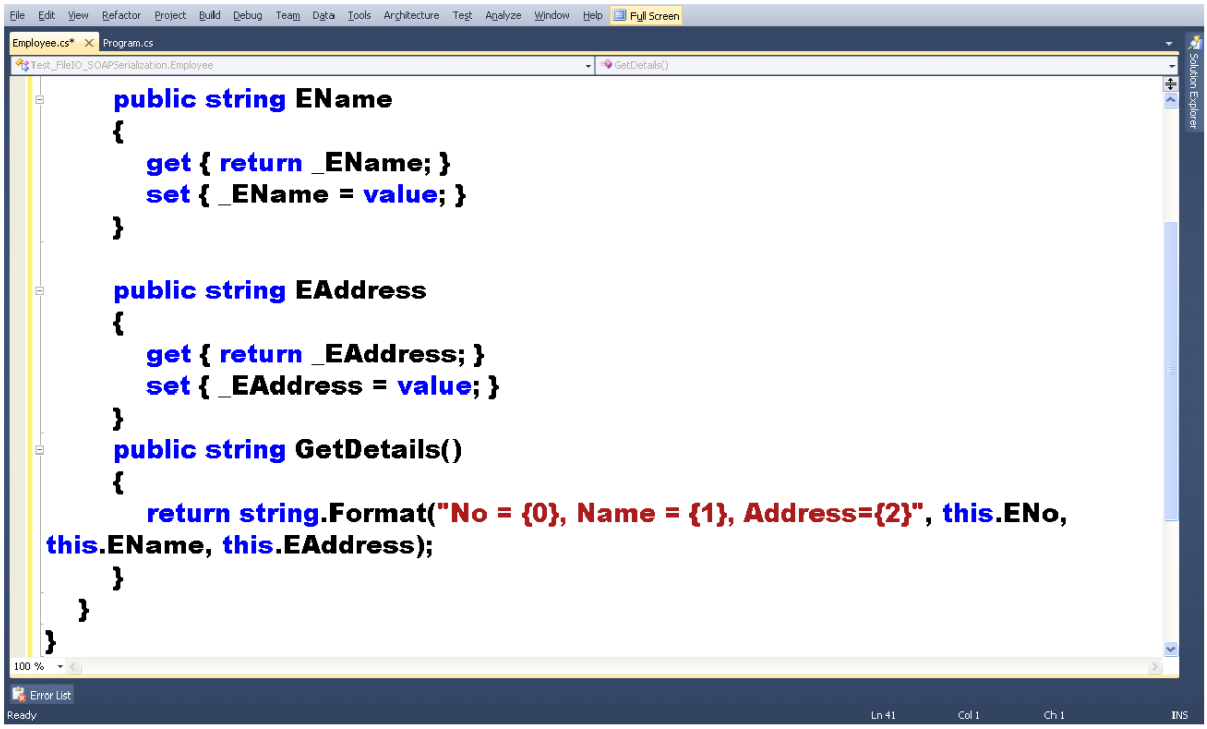

Test_FileIO_SOAPSerialization - Microsoft Visual Studio
Add New Item - Test_FileIO_SOAPSerialization
Installed Templates
Visual C# Items
Code
Data
General
Web
Windows Forms
WPF
Reporting
Workflow
Online Templates
Sort by: Default
Search Installed Templates
Class Visual C# Items
Interface Visual C# Items
Windows Form Visual C# Items
User Control Visual C# Items
Component Class Visual C# Items
User Control (WPF) Visual C# Items
About Box Visual C# Items
ADO.NET DbContext Generator Visual C# Items
ADO.NET Entity Data Model Visual C# Items
ADO.NET EntityObject Generator Visual C# Items
ADO.NET Self-Tracking Entity Generator Visual C# Items
Application Configuration File Visual C# Items
Type: Visual C# Items
An empty class definition
Name: Employee.cs
Add
Cancel
Solution Explorer
Team Explorer
Class View
Error List
start
8:12 PM



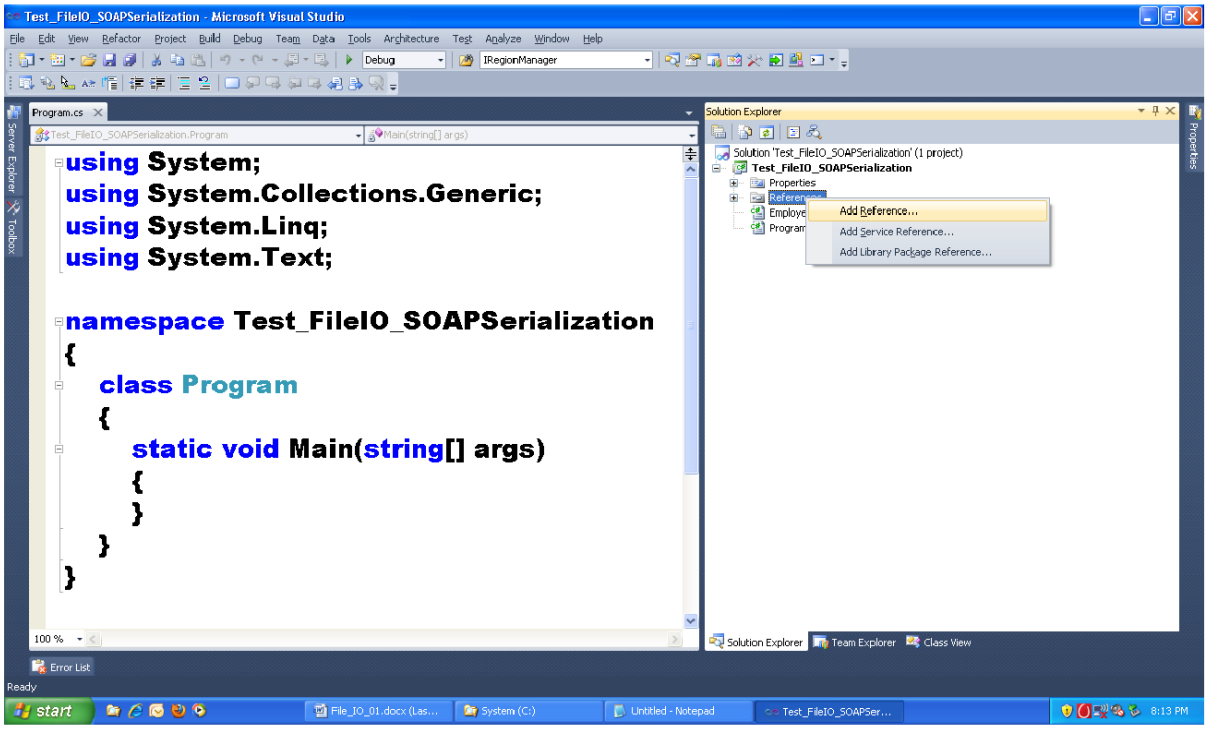
```
namespace Test_FileIO_SOAPSerialization
{
    [Serializable]
    public class Employee
    {
        private int _ENo;
        private string _EName;
        private string _EAddress;

        public int ENo
        {
            get { return _ENo; }
            set { _ENo = value; }
        }
```



```
        public string EName
        {
            get { return _EName; }
            set { _EName = value; }
        }

        public string EAddress
        {
            get { return _EAddress; }
            set { _EAddress = value; }
        }
        public string GetDetails()
        {
            return string.Format("No = {0}, Name = {1}, Address={2}", this.ENo,
this.EName, this.EAddress);
        }
    }
}
```


Test_FileIO_SOAPSerialization - Microsoft Visual Studio
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{
}
}
}
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Error List
Ready
Solution Explorer
Solution 'Test_FileIO_SOAPSerialization' (1 project)
Test_FileIO_SOAPSerialization
Properties
References
Add Reference...
Add Service Reference...
Add Library Package Reference...
Solution Explorer
Team Explorer
Class View
Properties
Server Explorer
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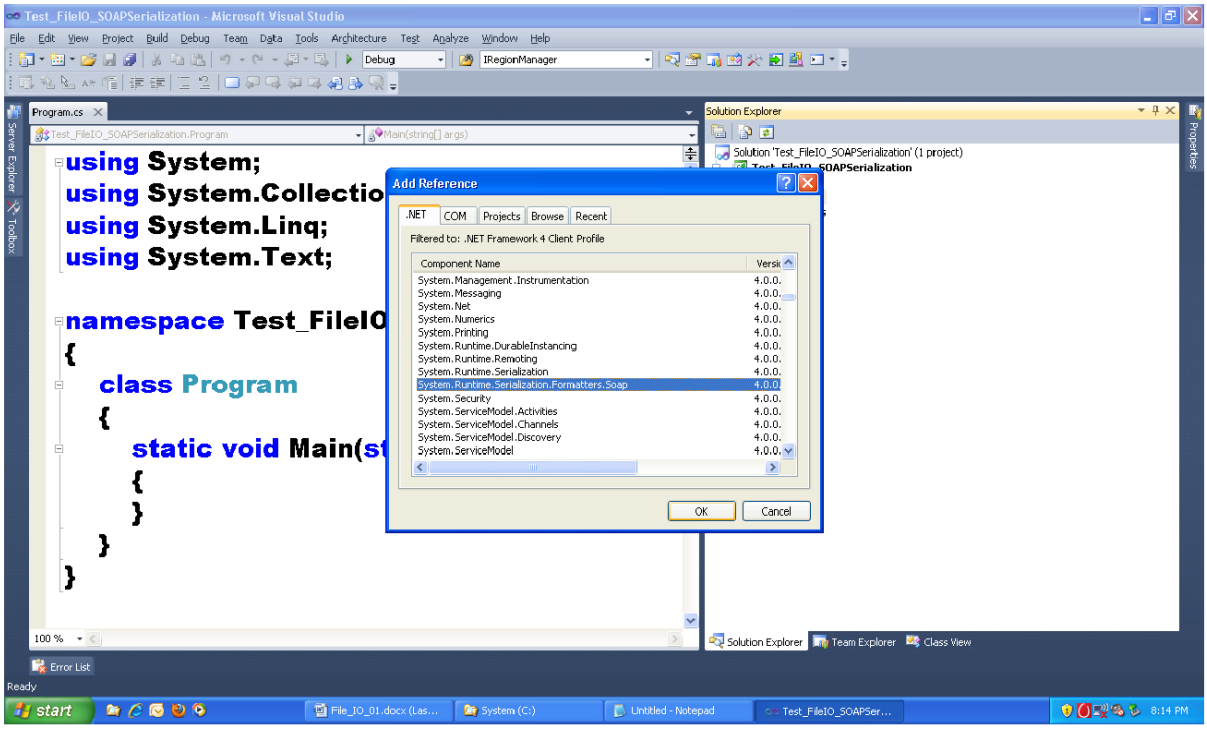
Test_FileIO_SOAPSerialization - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Program.cs
Test_FileIO_SOAPSerialization.Program
Main(string[] args)
using System;
using System.Collectio
using System.Linq;
using System.Text;
namespace Test_FileIO
{
class Program
{
static void Main(st
{
}
}
}
Add Reference
.NET
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Projects
Browse
Recent
Filtered to: .NET Framework 4 Client Profile
Component Name
Versi
System.Management.Instrumentation 4.0.0.
System.Messaging 4.0.0.
System.Net 4.0.0.
System.Numerics 4.0.0.
System.Printing 4.0.0.
System.Runtime.DurableInstancing 4.0.0.
System.Runtime.Remoting 4.0.0.
System.Runtime.Serialization 4.0.0.
System.Runtime.Serialization.Formatters.Soap 4.0.0.
System.Security 4.0.0.
System.ServiceModel.Activities 4.0.0.
System.ServiceModel.Channels 4.0.0.
System.ServiceModel.Discovery 4.0.0.
System.ServiceModel 4.0.0.
OK
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Error List
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Solution Explorer
Solution 'Test_FileIO_SOAPSerialization' (1 project)
Solution Explorer
Team Explorer
Class View
Properties
Server Explorer
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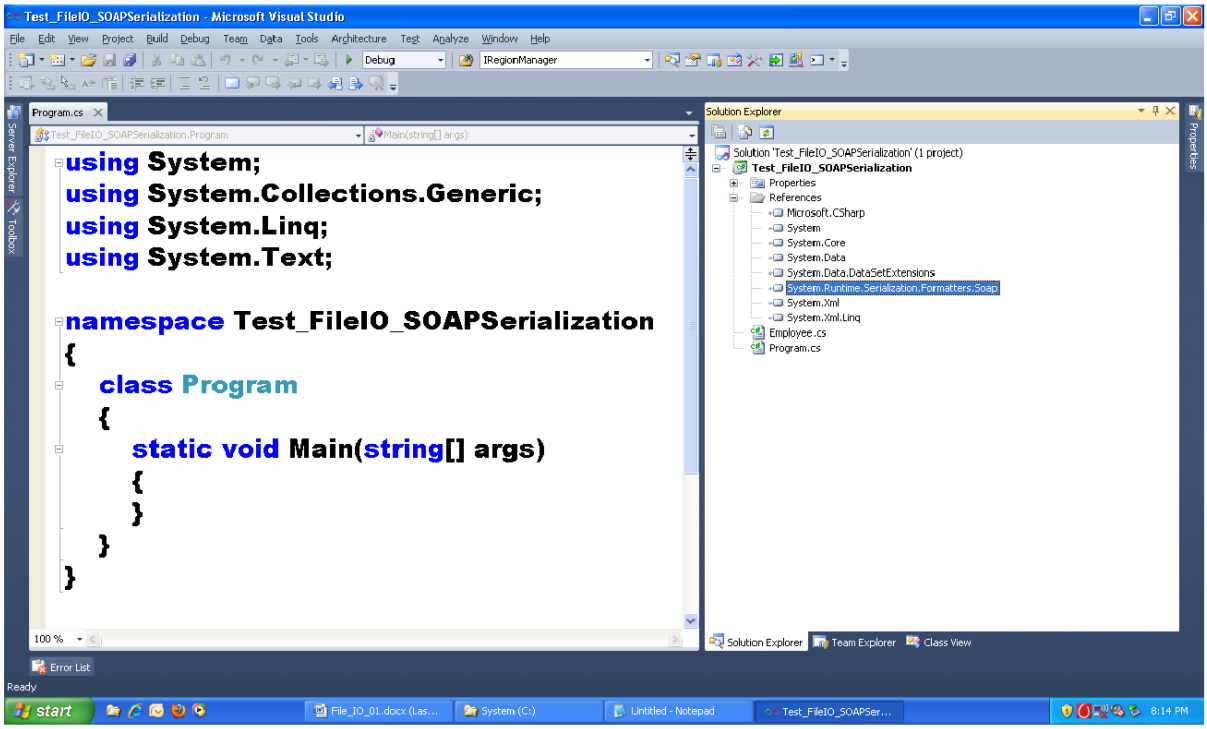
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using System.Linq;
using System.Text;
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class Program
{
static void Main(string[] args)
{
}
}
}
100 %
Solution Explorer
Solution 'Test_FileIO_SOAPSerialization' (1 project)
Test_FileIO_SOAPSerialization
Properties
References
Microsoft.CSharp
System
System.Core
System.Data
System.Data.DataSetExtensions
System.Runtime.Serialization.Formatters.Soap
System.Xml
System.Xml.Linq
Employee.cs
Program.cs
Solution Explorer
Team Explorer
Class View
Error List
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Test_FileIO_SOAPSer...
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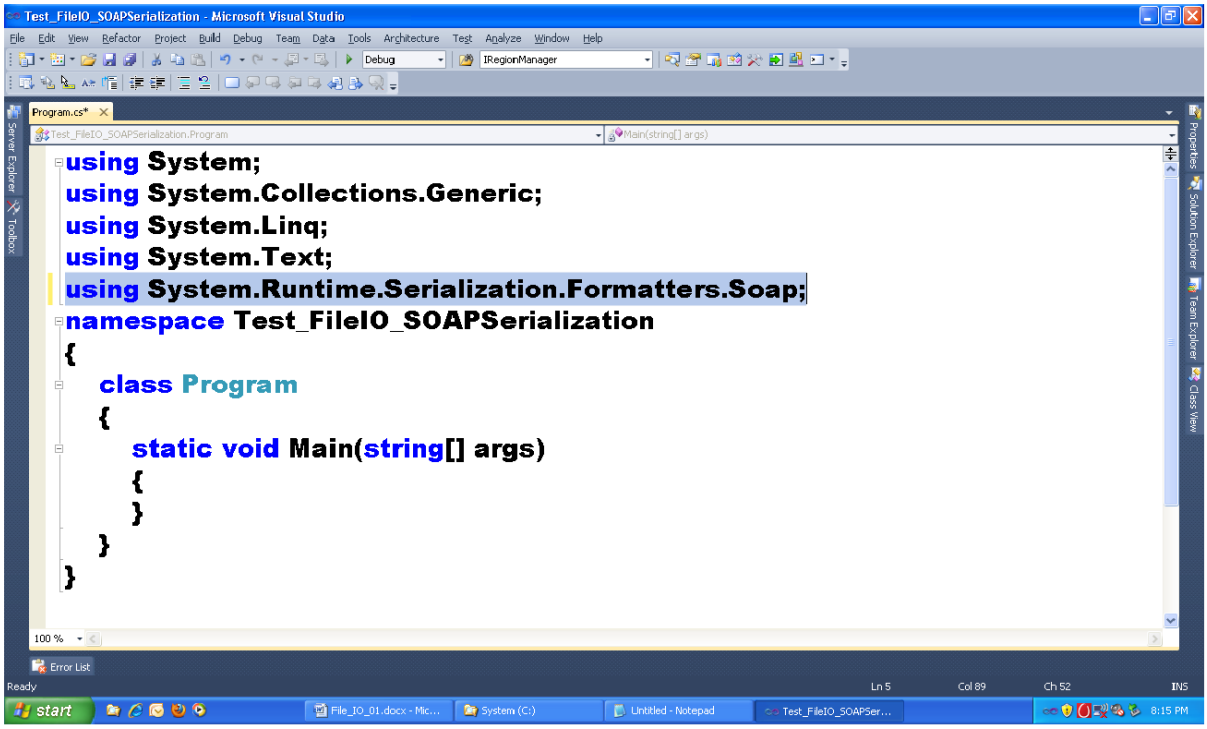
Test_FileIO_SOAPSerialization - Microsoft Visual Studio
File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
IRegionManager
Program.cs*
Test_FileIO_SOAPSerialization.Program
Main(string[] args)
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Runtime.Serialization.Formatters.Soap;
namespace Test_FileIO_SOAPSerialization
{
class Program
{
static void Main(string[] args)
{
}
}
}
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