

Assignment 2 – Int and String Lab – Step 2

Create a Console Application and then add a Windows Form class (or another Windows Forms Application).

Objective: the console provides options, user types one number to start a window form showing the selected result.

For example: Which city would like to live?

1. Toronto 2. Barrie 3. New York

Or a restaurant menu....

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Requirements and instructions:

Initial codes would be provided. Please read the code and use them.

You should better to create new projects following the instructions:

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Add a Windows Form to the console application project(or Add a Windows Forms Application to the solution)Insert 3 PictureBox controls in the Windows Form in Design

View(<https://stackoverflow.com/questions/31016581/how-to-open-designer-view-in-visual-c>). Import different pictures into the 3 picture boxes.

Switch to Code View and add/change the codes for only one function:Form1 (or same name as your form). The codes could be different with the sample codes

Sample codes for the Form1.cs

```
Form1.cs*  Form1.cs [Design]*  Program.cs  Form1.cs [Desi
yFavorite
public Form1()
{
    InitializeComponent();
}

0 references
public Form1(int citySelection)
{
    InitializeComponent();
    pictureBox1.Visible = false;
    pictureBox2.Visible = false;
    pictureBox3.Visible = false;

    if (citySelection == 1)
    {
        pictureBox1.Visible = true;
    }
    else if (citySelection == 2)
    {
        pictureBox2.Visible = true;
    }
    else
    {
        pictureBox3.Visible = true;
    }
}
}
```

If you got some codes like the following, do not delete them.
Just leave the method body blank.
If you delete, you may got errors.

```
private void Form1_Load(object sender, EventArgs e)
{

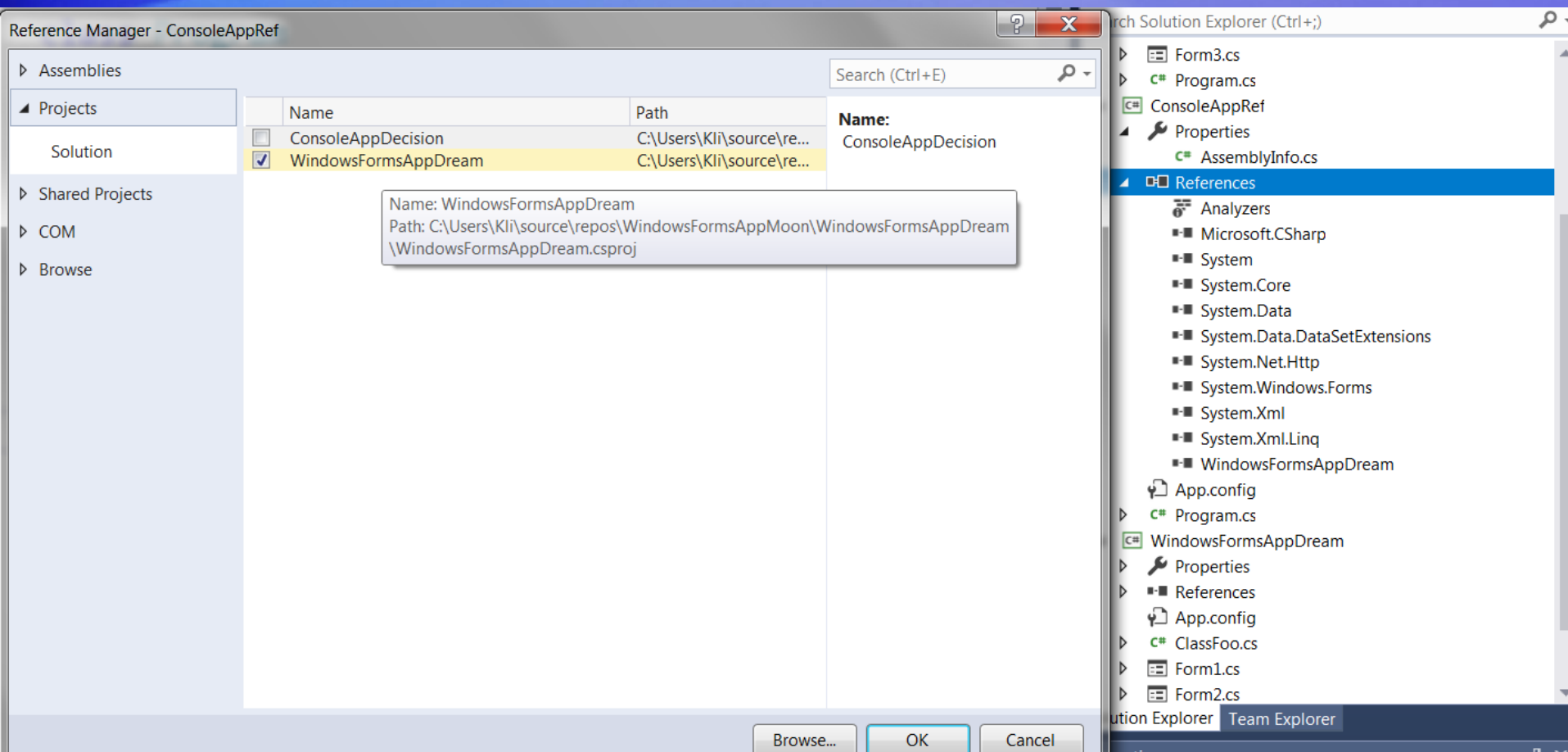
}
```

Create a Console Application

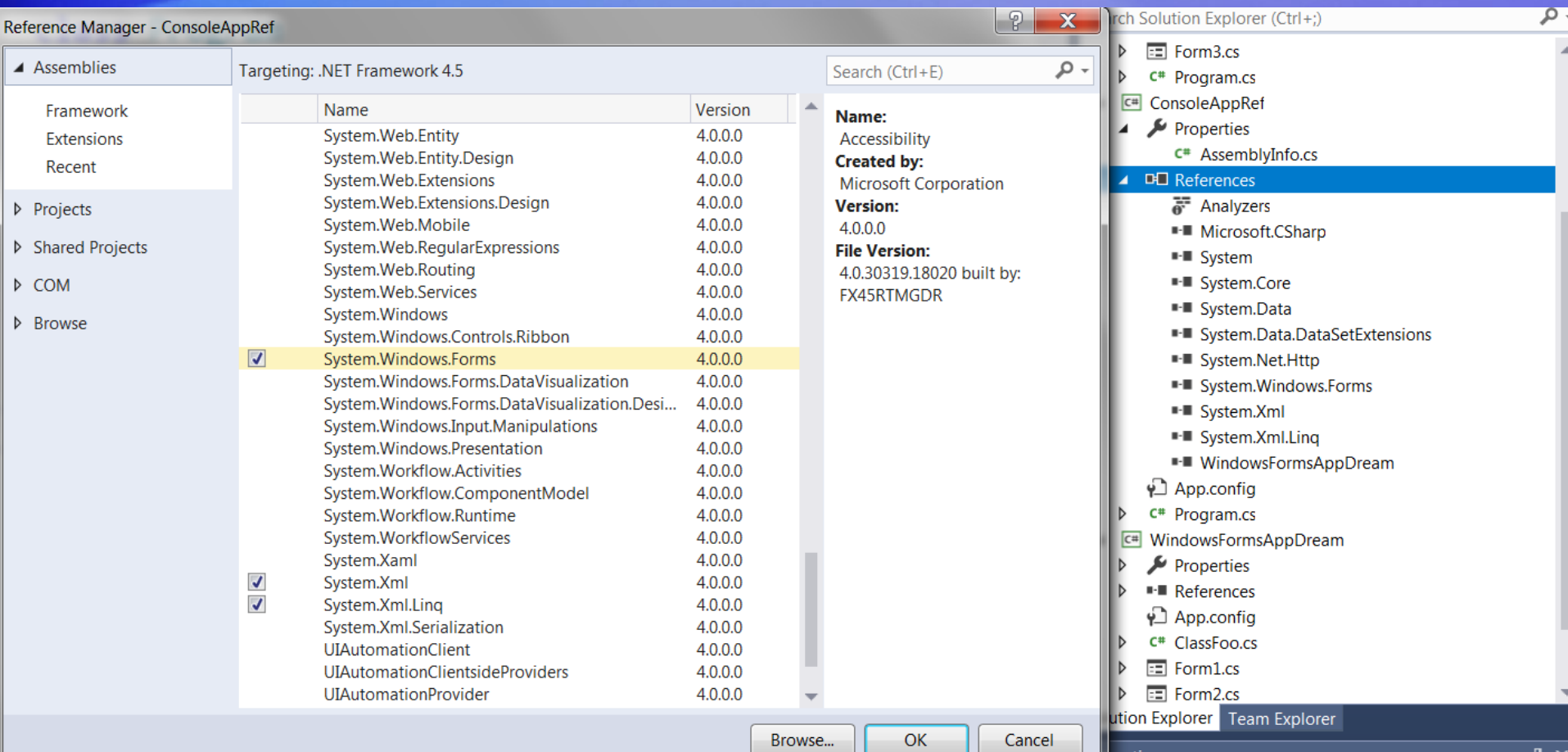
If you created a Windows forms application, you need to add a reference of the Windows forms application(project) and a reference of the assembly of System.Windows.Forms. to the Console app project

Change codes in program.cs in the console application, as following. Try to use the code analysis light bulb to fix the errors or google.

To add the reference to a project



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Sample codes for program.cs in the console app.

```
using WindowsFormsAppDream;

namespace ConsoleAppRef
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            Console.WriteLine("Which city would you like to go? ");
            Console.WriteLine("1. Barrie; 2. Toronto; 3. New York");
            var city = Console.ReadKey().KeyChar.ToString();
            Form1 formCity = new Form1(Convert.ToInt32(city));
            formCity.ShowDialog();
        }
    }
}
```

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Submission:

If you can show me your app in the Q/A session, it would be great. Otherwise, please zip your project folders and upload to Blackboard website.