



In this lab, you are required to create a console application to practise some arithmetic operations.
Estimated time to complete this lab: 30 minutes.

What is the output of the following code segment?

```
double d1 = 10.5, d2 = 11.5;
Console.WriteLine((int)d1);
Console.WriteLine((int)d2);

Console.WriteLine(Convert.ToInt32(d1));
Console.WriteLine(Convert.ToInt32(d2));

Console.WriteLine(Math.Round(d1));
Console.WriteLine(Math.Round(d2));

Console.WriteLine("1" + "2");
Console.WriteLine("1" + 2);

string s = null;
string answer = s ?? "Hello";
Console.WriteLine(answer);

string answer2 = (s == null?"HELLO":"NOT NULL");
Console.WriteLine(answer2);

int i = 0;
Console.WriteLine(1<0 && i < 3/i);
```

A) Creating a new Project

- In the Visual Studio 2010 environment, select **File | New Project** from the menu.
- In the **New Project** dialog box, elect **Visual C# | Windows** on the left and then **Console Application** on the right.
- Enter a **Name** for the new project.
- Select a save **Location**.
- Select Create directory for solution **ONLY** if you want to create a new directory to store all the necessary files.
- Click **OK**.

B) Coding

- Add the above code in the **Main()** method

C) Compiling Your Application

- To compile and run your application select **Debug | Start Debugging** menu command or press **F5** or **CTRL+F5** (**Without Debugging**).