

***C# Basics***

**Lab Guides**

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RECORD OF CHANGES

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|  | **CODE: Net.S.L002**  **TYPE: SHORT**  **LOC: 15**  **DURATION: 10 MINUTES** |

# Lab 2: Identifiers

Objectives:

* Understand Console.ReadLine statement in C#.
* Understand if – else statement.
* Understand string.Format in C#.

Prerequisites:

* Download and installs Visual Studio (included .net Framework)

Problem Description:

* Write a C# console application to allow user input name and gender. System print a getting message.
* Use the Console.ReadLine statement to read name and gender.
* Use if-else statement to get name’s title.
* Use string.Format to concatenate strings
* Use Console.WriteLine to print a getting message

Guidelines:

### Step 1: Start Visual Studio

### Step 2: Create New Project – Console Application

On the menu bar, choose **File**> **New**> **Project**. The **New Project** dialog box opens.

Expand **Installed**, expand **Templates**, expand **Visual C#**, and then choose **Console Application**.

In the **Name** box, specify a name Identifiers for your project, and then choose the **OK** button. The new project appears in **Solution Explorer**.

### Step 3: Edit Program.cs file

If **Program.cs** isn't open in the **Code Editor**, open the shortcut menu for **Program.cs** in **Solution Explorer**, and then choose **View Code**.

Open the **Program.cs** and update **Main** method

using System;

namespace HelloWorld

{

class Program

{

static void Main(string[] args )

{

//// Welcome message

Console.WriteLine("Hello!");

//// User guide message

Console.Write("Enter your name: ");

//// Read a name entered by user then store the name

string name = Console.ReadLine();

//// User guide message

Console.Write("Enter your gender: ");

//// Read a gender entered by user then store the value

string gender = Console.ReadLine();

if (gender == "Male")

{

//// Print message to say hello Mister

string gettingMessage = string.Format("Hello {0} {1}!","Mr.", name);

Console.WriteLine(gettingMessage);

}

else if(gender == "Female")

{

//// Print message to say hello Miss

string gettingMessage = string.Format("Hello {0} {1}!","Ms.", name);

Console.WriteLine(gettingMessage);

}

else

{

//// Print message to say hello

string gettingMessage = string.Format("Hello {0}!", name);

Console.WriteLine(gettingMessage);

}

// Keep the console window open in debug mode.

Console.WriteLine("Press any key to exit.");

Console.ReadKey();

}

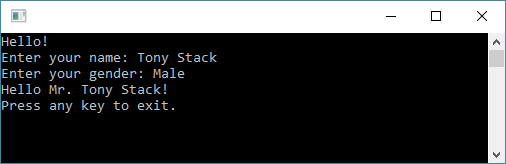
}

}

### Step 4: Run Applications.

Choose the F5 key to run the project.

Outputs

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