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***C# Basics***

**Lab Guides**

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| --- | --- |
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**RECORD OF CHANGES**

| **No** | **Effective Date** | **Change Description** | **Reason** | **Reviewer** | **Approver** |
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**Contents**

[Day 1. Lab 1: Hello World! 4](#_heading=h.30j0zll)

[Objectives: 4](#_heading=h.1fob9te)

[Prerequisites: 4](#_heading=h.3znysh7)

[Problem Description: 4](#_heading=h.2et92p0)

[Guidelines: 4](#_heading=h.tyjcwt)

[Step 1: Open Visual Studio 4](#_heading=h.3dy6vkm)

[Step 2: Create New Project – Console Application 4](#_heading=h.1t3h5sf)

[Step 3: Edit Program.cs file 5](#_heading=h.4d34og8)

[Step 4: Run Code 6](#_heading=h.3rdcrjn)

|  | **CODE: Net.S.L001**  **TYPE: SHORT**  **LOC: 15**  **DURATION: 10 MINUTES** |
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# Lab 1: Hello World!

**Objectives:**

* Understand about create, edit and run C# basic program on Visual Studio.

**Prerequisites:**

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

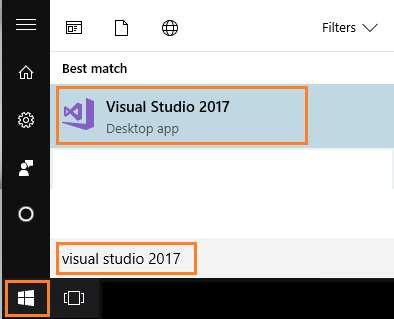
**Problem Description:**

* Write a C# console application to show Hello World message.
* Use the Console.WriteLine statement to print the message to console.

**Guidelines:**

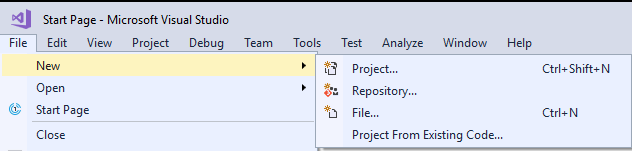
### Step 1: Open Visual Studio

Start Visual Studio from Start button



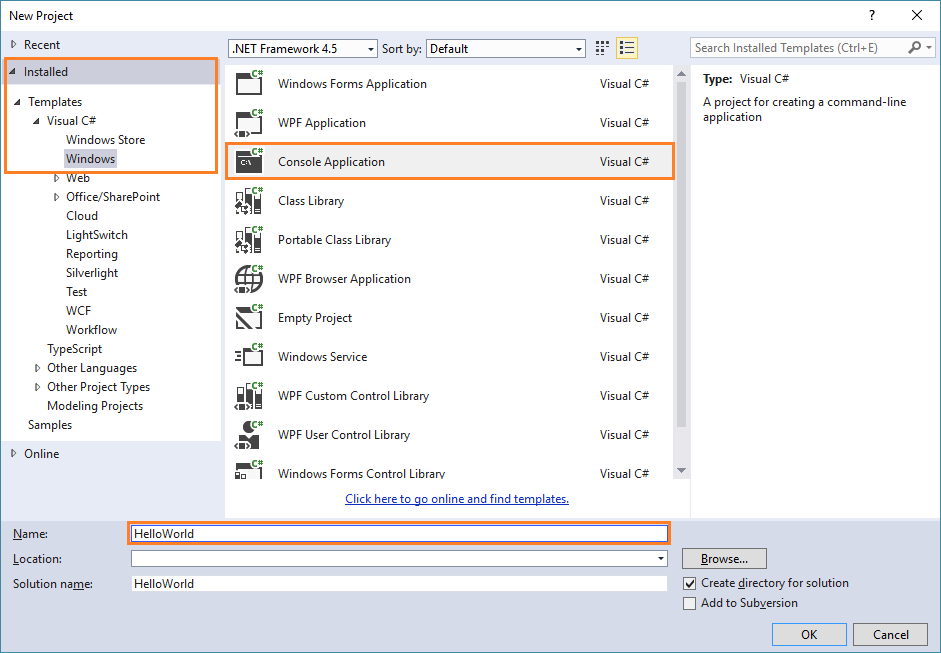
### Step 2: Create New Project – Console Application

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 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**.

Replace the contents of **Program.cs** with the following code.

//// A Hello World! program in C#.

using System;

namespace HelloWorld

{

class Program

{

static void Main(string[] args )

{

//// Write message to console window

Console.WriteLine("Hello World!");

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

//// Keep the console window open in debug mode.

Console.ReadKey();

}

}

}

### Step 4: Run Code

Press the F5 key to run the project.

Outputs

