

## Practical:-1

### 1. Hello World C# Program.

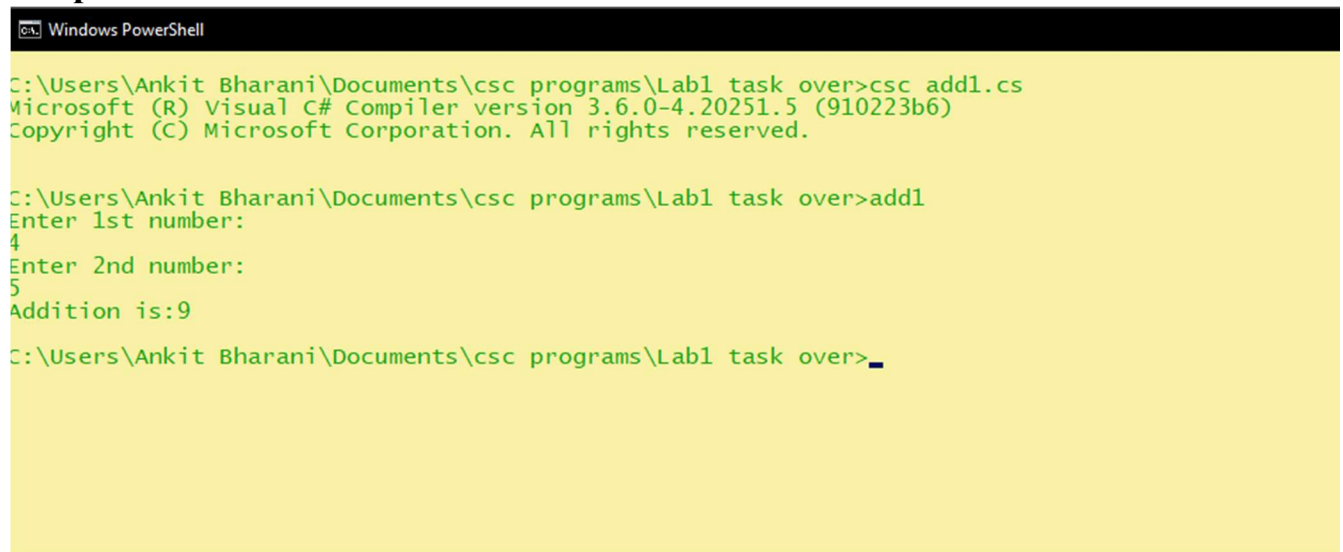
Output:-

A screenshot of a Windows console window. The title bar at the top reads "C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over\hello.exe". The main area of the window has a yellow background and displays the text "Hello World!" in green. A green cursor is positioned on the line immediately following the output.

```
C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over\hello.exe
Hello World!
_
```

### 2. Program to add two numbers with user input from console.

Output:-

A screenshot of a Windows PowerShell window. The title bar reads "Windows PowerShell". The console shows the compilation of "add1.cs" using the Visual C# Compiler, followed by the execution of the "add1" program. The program prompts for two numbers, "4" and "5", and outputs "Addition is:9". The prompt ends with a green cursor.

```
Windows PowerShell

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>csc add1.cs
Microsoft (R) Visual C# Compiler version 3.6.0-4.20251.5 (910223b6)
Copyright (C) Microsoft Corporation. All rights reserved.

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>add1
Enter 1st number:
4
Enter 2nd number:
5
Addition is:9

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>_
```

### 3. addition.cs file which contains an additional function to create DLL.

Output:-

```
Windows PowerShell
C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>csc /t:library addition.cs
Microsoft (R) Visual C# Compiler version 3.6.0-4.20251.5 (910223b6)
Copyright (C) Microsoft Corporation. All rights reserved.

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>
```

**4. driver.cs program which will be used to create exe and which refers addition.dll file.**

```
Windows PowerShell
C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>csc /t:exe /r:addition.dll driverPro.cs
Microsoft (R) Visual C# Compiler version 3.6.0-4.20251.5 (910223b6)
Copyright (C) Microsoft Corporation. All rights reserved.

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>driverPro.exe
Enter 1st number:
3
Enter 2nd number:
4
Addition is:7

C:\Users\Ankit Bharani\Documents\csc programs\Lab1 task over>
```