

# **Bahria University,**

## **Karachi Campus**



**COURSE: CSC-113 COMPUTER PROGRAMMING**  
**TERM: FALL 2021, CLASS: BSE- 1 (B)**

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**Signed**

**Remarks:**

**Score:**

## LAB OBJECTIVE

[illegible]

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# Bahria University,

## Karachi Campus



### LAB EXPERIMENT NO.

1

### LIST OF TASKS

TASK NO	OBJECTIVE
1	Write steps how to install visual studio
2	Show the output of all examples mention in the lab.
3	Write a program to print your profile using C#.

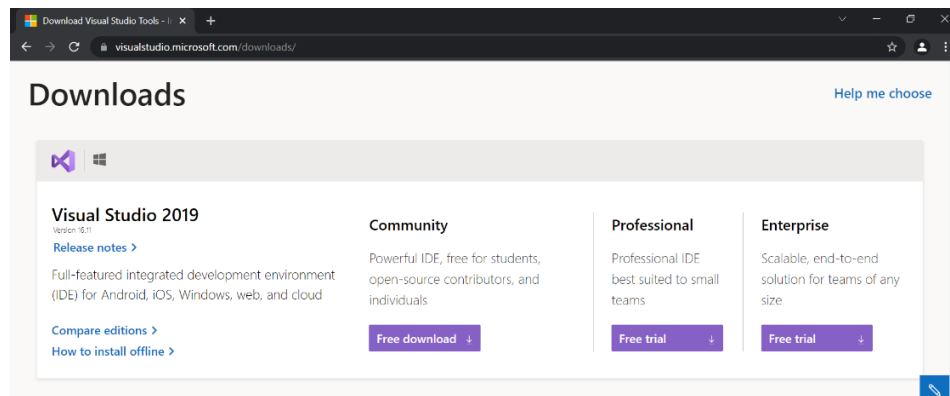
**Submitted On:**

(Date: DD/MM/YY)

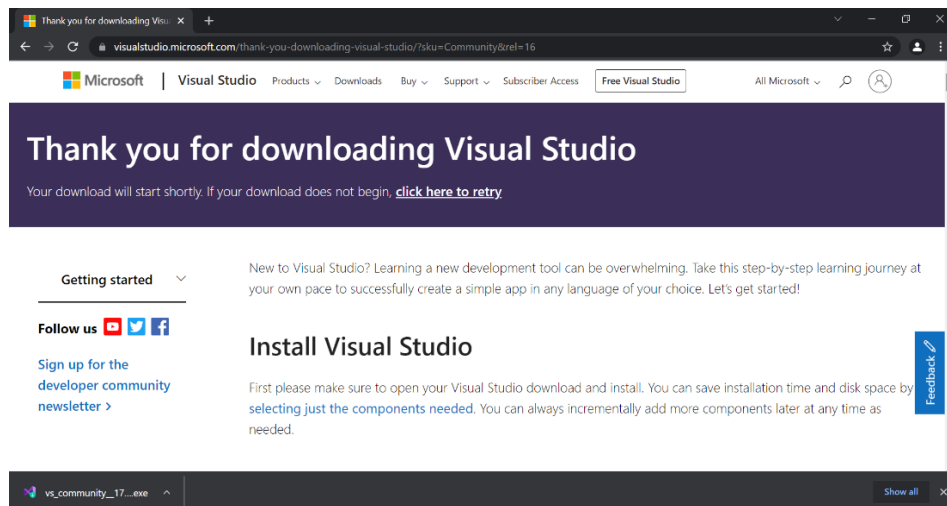


**Task No. 1:** Write steps how to install visual studio.**Solution:**

**Step I:** Go to your web browser and search for Visual studio 2019 or visit [www.visualstudio.microsoft.com](https://www.visualstudio.com) and click the **Downloads** tab. Screen will appear as shown in the picture below.

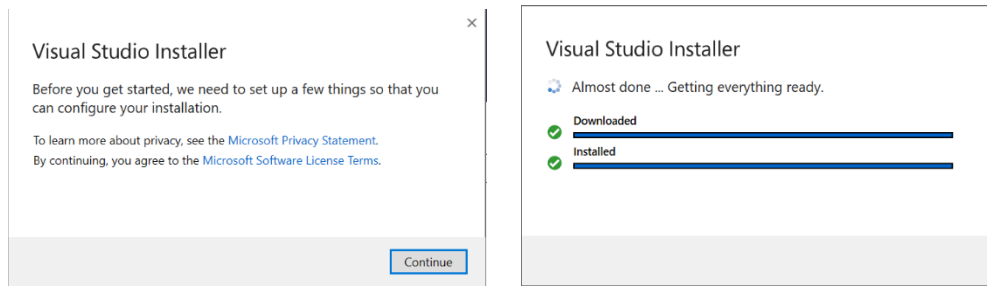


**Step II:** Three versions will appear on the screen. For downloading the Community version click on the **Free download** button as shown in the picture above & select the file location where you want to install.



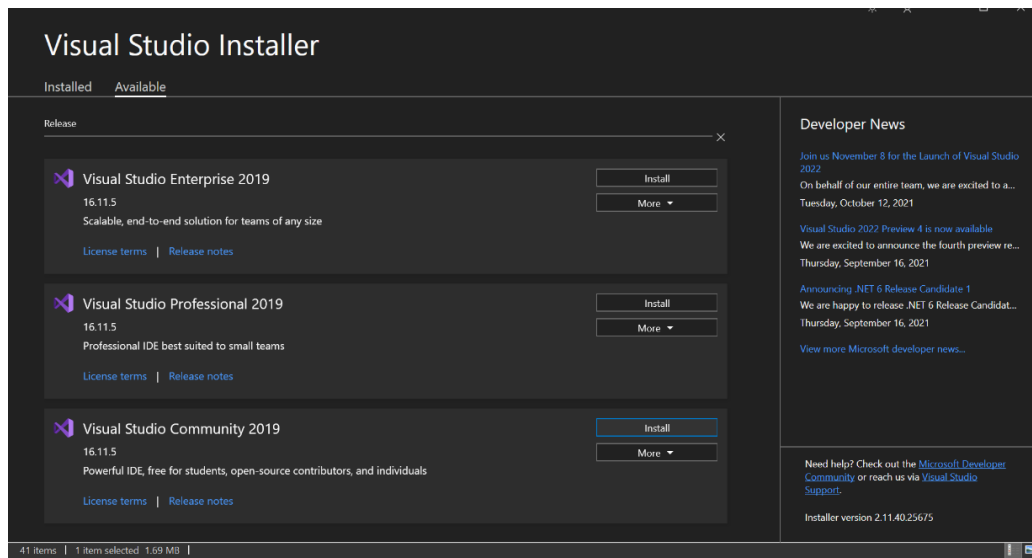
You'll receive a confirmation message of installing **Visual studio Installer** as shown in picture above.

**Step III:** Now run the .exe file from the location where you have installed it in case if it doesn't start automatically. A notification would appear as shown below. Click **Continue**.

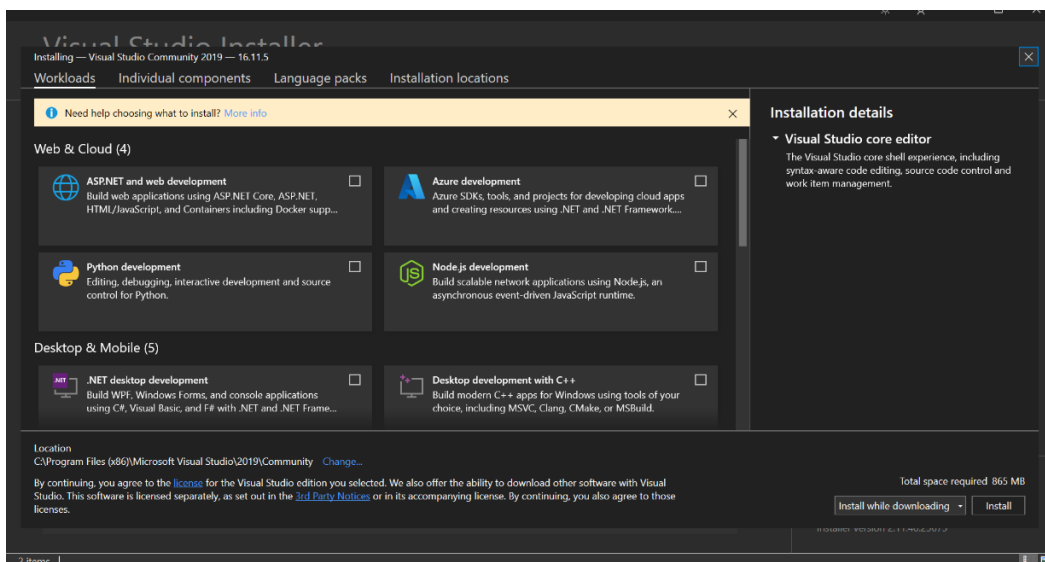


Visual Studio will be downloaded & installed.

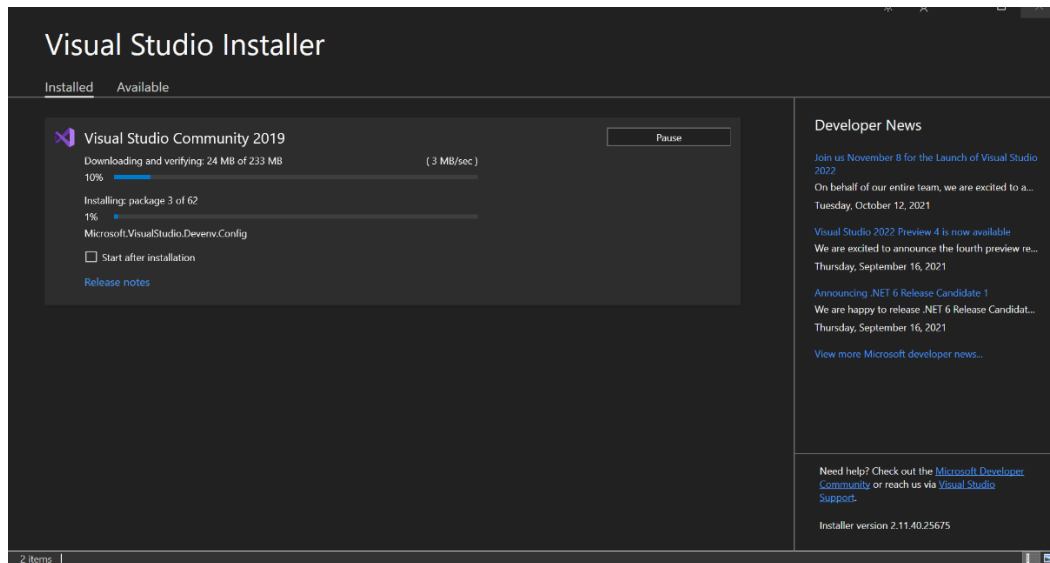
**Step IV:** Run the Visual Studio Installer. All the versions will appear on the screen. Click on the **Visual Studio Community 2019** INSTALL button.



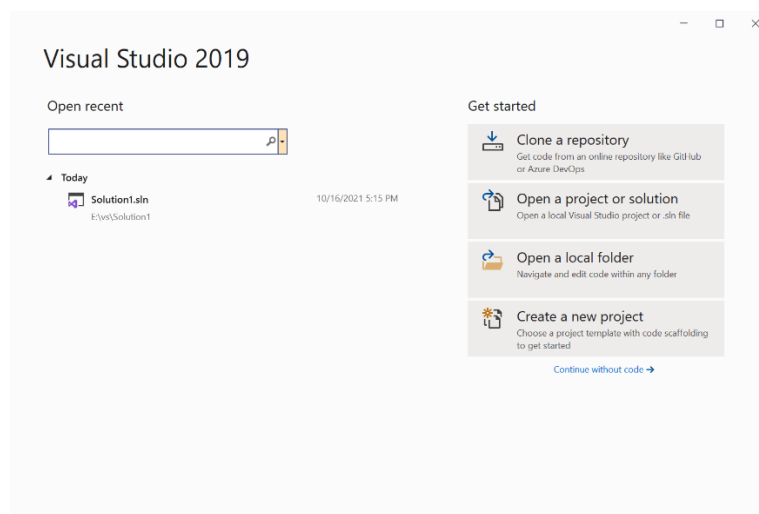
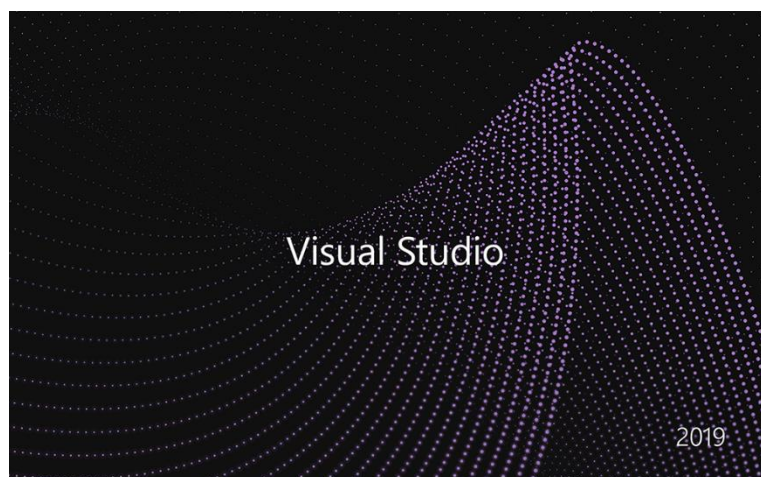
**Step V:** Select the desired Workloads which can also be downloaded in future. You can set the location where you want Visual Studio to be installed. Then click **INSTALL** on the bottom right corner.



The installation will start as shown below.



**Step VI:** Run Visual Studio 2019.





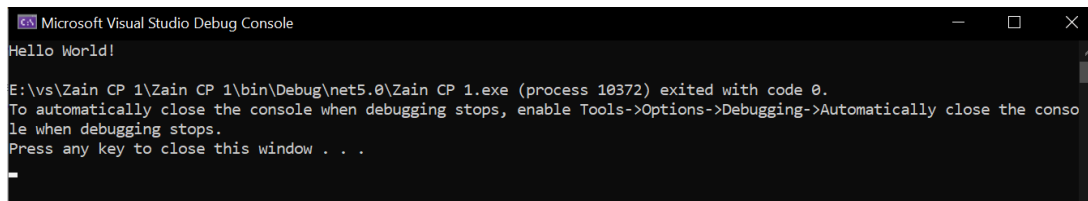
## Task No. 2: Show the output of all examples mention in the lab.

### Solution:

```
using System;

namespace Zain_CP_1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Hello World!");
        }
    }
}
```

### Output:



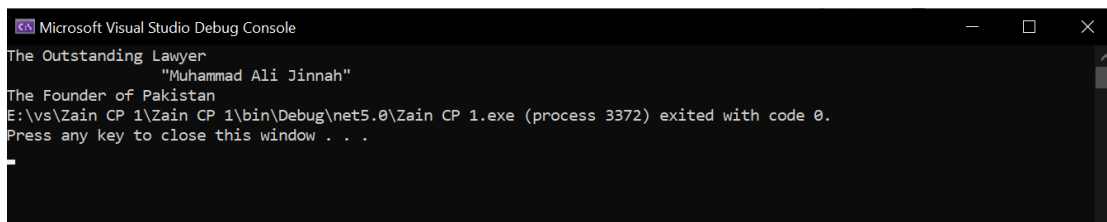
```
Microsoft Visual Studio Debug Console
Hello World!
E:\vs\Zain CP 1\Zain CP 1\bin\Debug\net5.0\Zain CP 1.exe (process 10372) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

### Solution:

```
using System;

namespace Zain_CP_1
{
    class Program
    {
        static void Main(string[] args)
        {
            // Console.WriteLine("Hello Dunya!");
            Console.WriteLine("The Outstanding Lawyer\n");
            Console.WriteLine("\t\t \"Muhammad Ali Jinnah\" ");
            Console.WriteLine("The Founder of Pakistan");
        }
    }
}
```

### Output:



```
Microsoft Visual Studio Debug Console
The Outstanding Lawyer
    Muhammad Ali Jinnah
The Founder of Pakistan
E:\vs\Zain CP 1\Zain CP 1\bin\Debug\net5.0\Zain CP 1.exe (process 3372) exited with code 0.
Press any key to close this window . . .
```

### Task No. 3: Write a program to print your profile using C#.

#### Solution:

```
using System;

namespace Zain_CP_1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("\t \"My Profile\" \n ");
            Console.WriteLine("Name: Muhammad Zain\n");
            Console.WriteLine("Program: Bachelors in Software Engineering\n");
            Console.WriteLine("Date of Birth: 03-02-2004\n");
            Console.WriteLine("Likes: \"Programming\", \"Reading\", \"Writing\" \n");
            Console.WriteLine("Email: \"mzainjed@gmail.com\" \n");
        }
    }
}
```

#### Output:

A screenshot of the Microsoft Visual Studio Debug Console window. The window has a title bar with the Visual Studio logo and the text "Microsoft Visual Studio Debug Console". The console output is as follows:  
"My Profile"  
Name: Muhammad Zain  
Program: Bachelors in Software Engineering  
Date of Birth: 03-02-2004  
Likes: "Programming", "Reading", "Writing"  
Email: "mzainjed@gmail.com"  
At the bottom, it says: "E:\vs\Zain CP 1\Zain CP 1\bin\Debug\net5.0\Zain CP 1.exe (process 13244) exited with code 0. Press any key to close this window . . .".

```
Microsoft Visual Studio Debug Console

"My Profile"

Name: Muhammad Zain

Program: Bachelors in Software Engineering

Date of Birth: 03-02-2004

Likes: "Programming", "Reading", "Writing"

Email: "mzainjed@gmail.com"

E:\vs\Zain CP 1\Zain CP 1\bin\Debug\net5.0\Zain CP 1.exe (process 13244) exited with code 0.
Press any key to close this window . . .
```