

1. Introduction

Step by step process documentation on how to download and setup your device for .NET(c#) development and also creating and testing of a simple console app.

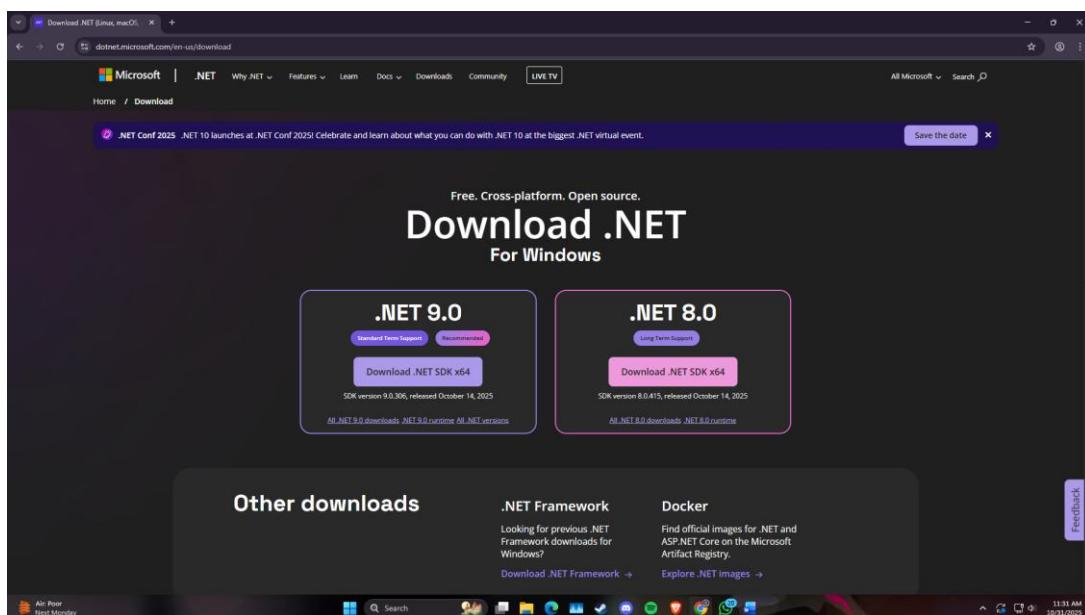
2. Steps performed

2.1. Download .NET SDK (v9.0.306) – Windows Installer

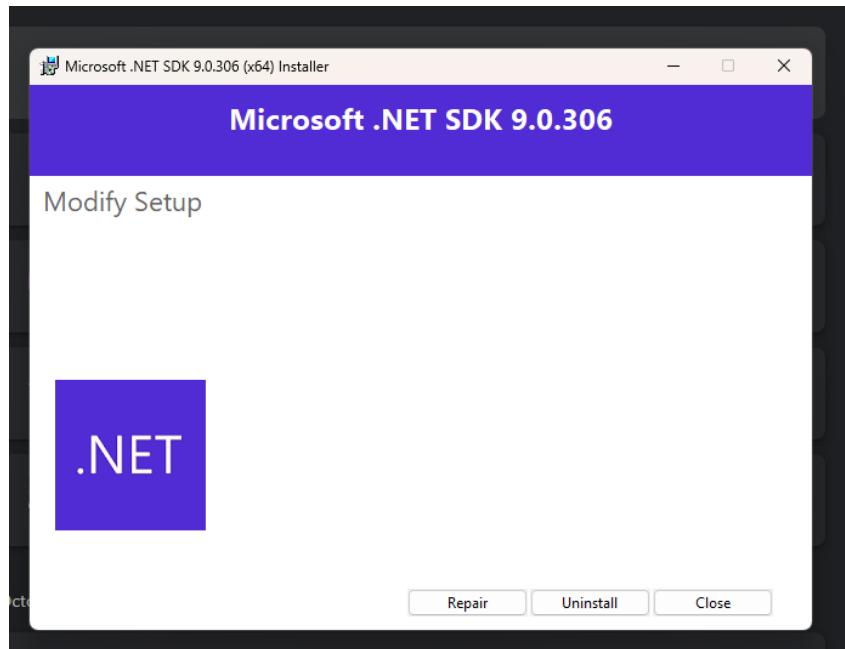
2.2. Visual Studio download and setup

2.3. dsad

- Go to the link <https://dotnet.microsoft.com/en-us/download> and download the 9.0version



- After download completes, install the .NET SDK with its installer.



If you already have it installed it will instead show you the uninstall button.

- Open your command prompt to check if the package is installed or not by running “dotnet --list-sdks”.

```
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\user>color 2

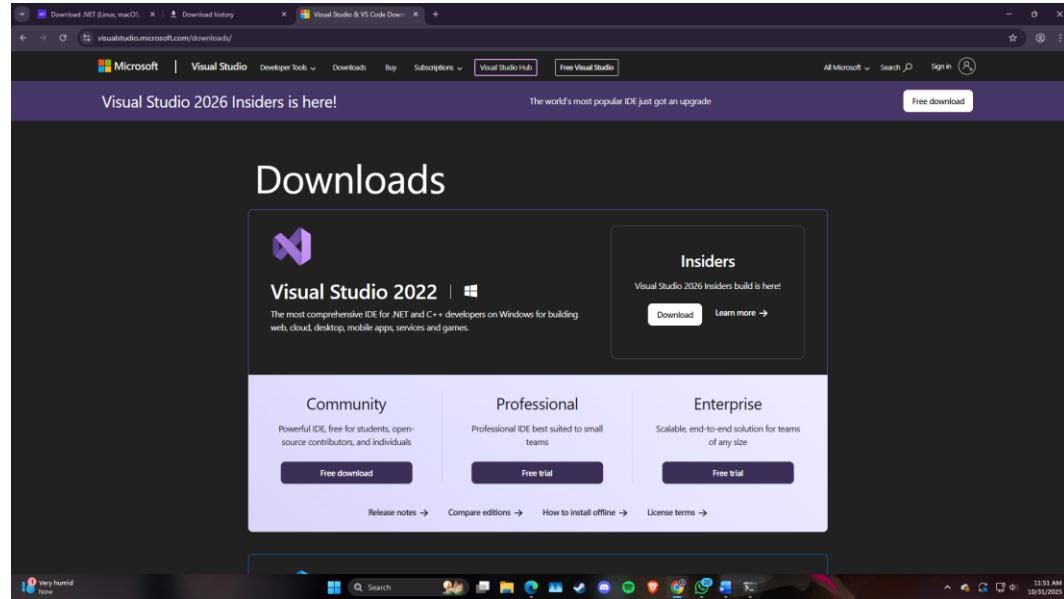
C:\Users\user>dotnet --list-sdks
9.0.306 [C:\Program Files\dotnet\sdk]

C:\Users\user>
```

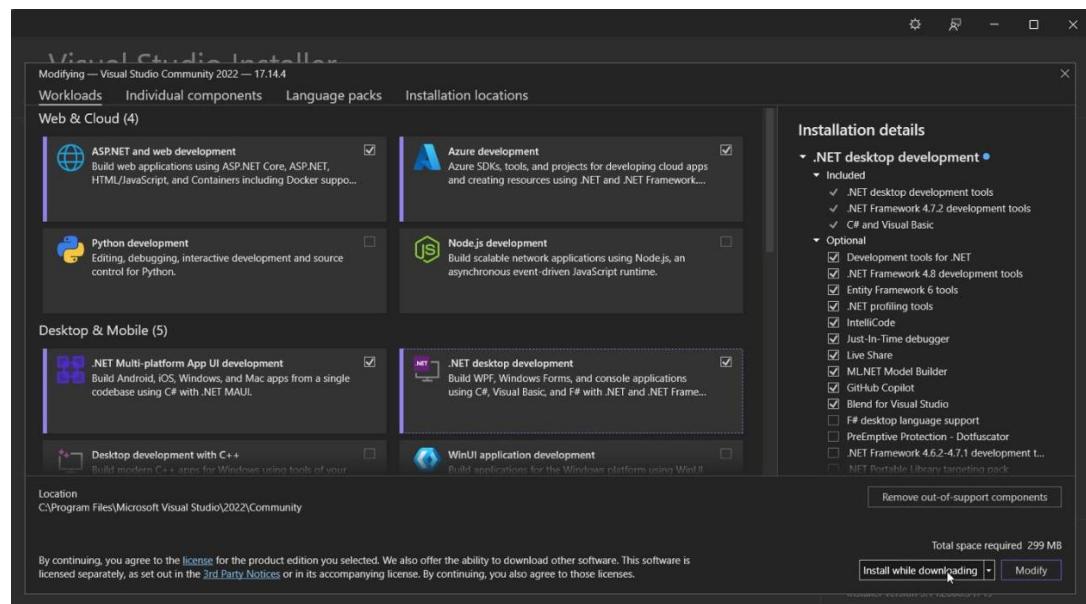
The command prompt should show results similar to the given above image.

2.4. Visual Studio download and setup

- Go to website <https://visualstudio.microsoft.com/downloads/> and install the community version on your windows.



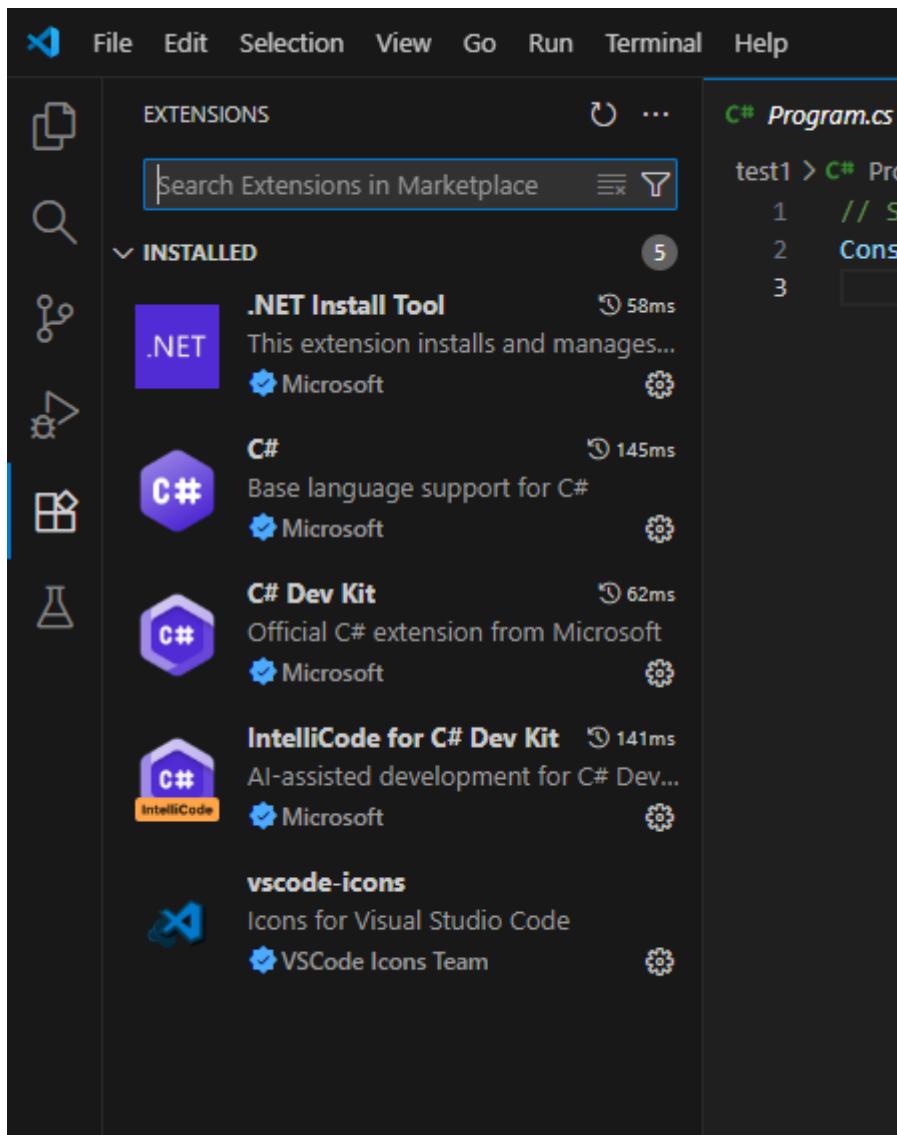
- Open the VisualStudio setup and select the following packages:
 - .NET Multi-platform App UI development
 - .NET Desktop Development



2.5. Extension for Visual Studio Code (VS Code)

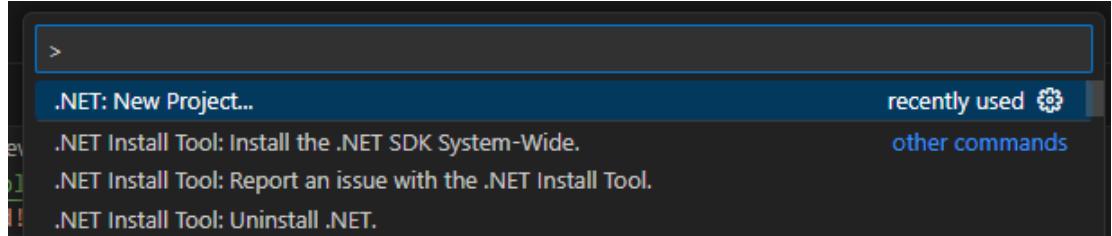
Install the following extension to setup the environment for C#(.net) development:

- .NET install Tool
- C#
- C# Dev Kit
- IntelliCode for C# Dev kit

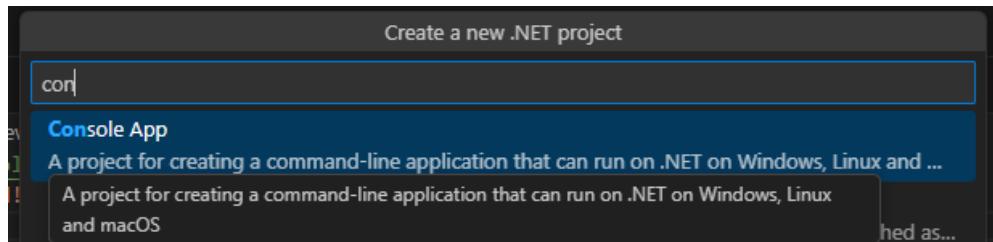


2.6. Creating a Console App in VS code

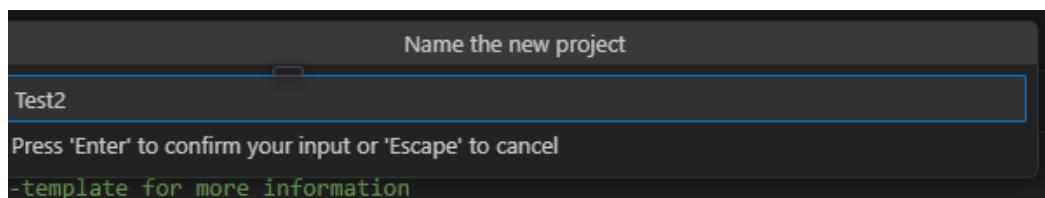
- Now press “ctrl + shift + p” in the command palette and click on “.NET: New Project”.



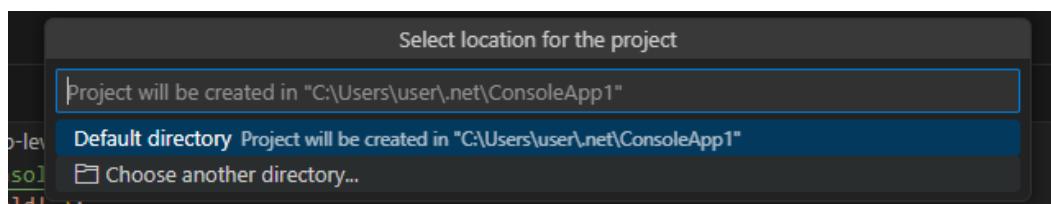
- Enter “Console App”



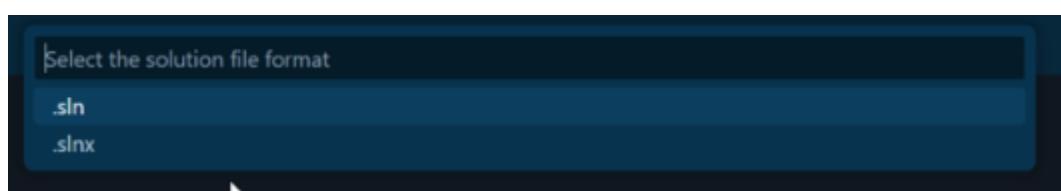
- Give name to the folder.



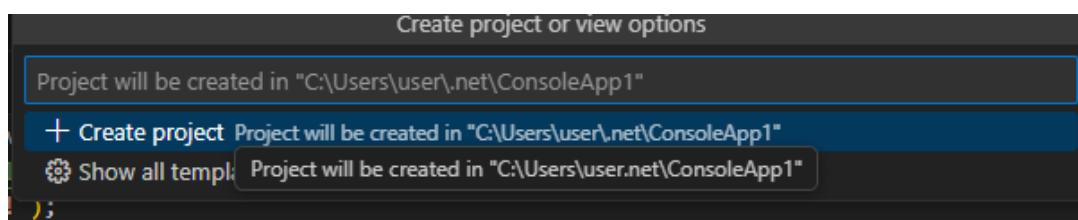
- Select a directory in which u want to create the project in.



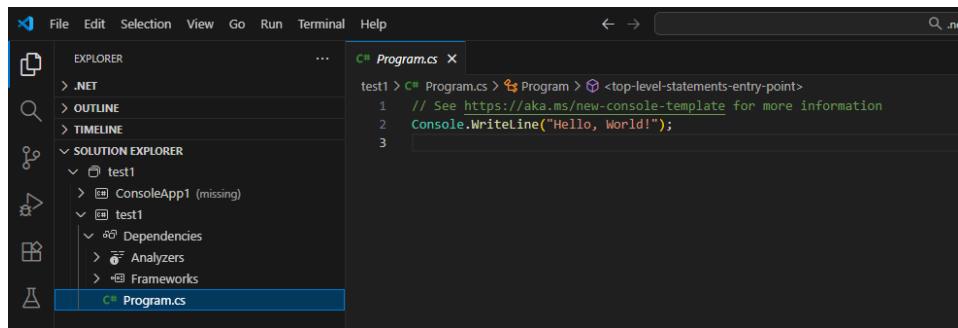
- Select “sln” solution file format.



- Select “create project”.



- Your project is created.



- Now go to the “Program.cs” file and run the code to check if the output is generated.

The screenshot shows the Visual Studio Code interface with the 'Program.cs' file open. The code is:

```
1 // See https://aka.ms/new-console-template for more information
2 Console.WriteLine("Hello, World!");
```

The 'SOLUTION EXPLORER' panel shows a project named 'test1' with files 'ConsoleApp1 (missing)' and 'Program.cs'. The 'Program.cs' file is selected.

Below the editor, the 'TERMINAL' tab is active, showing the command line output:

```
PS C:\Users\user\.net> & 'c:\Users\user\.vscode\extensions\ms-dotnettools.csharp-2.93.22-win32-x64\debugger\x86_64\vsdbg.exe' '--interpreter=vscode' '--connection=e00513bc59b94312b68149769f33fb8'
Hello, World!
PS C:\Users\user\.net>
```

The status bar at the bottom indicates the terminal has 3 lines, 4 spaces, and is using UTF-8 with BOM. The date and time shown are 10/31/2025 at 12:12 PM.

The output is printed “Hello, World!”.