







LAB#1

Installation of visual studio editor:

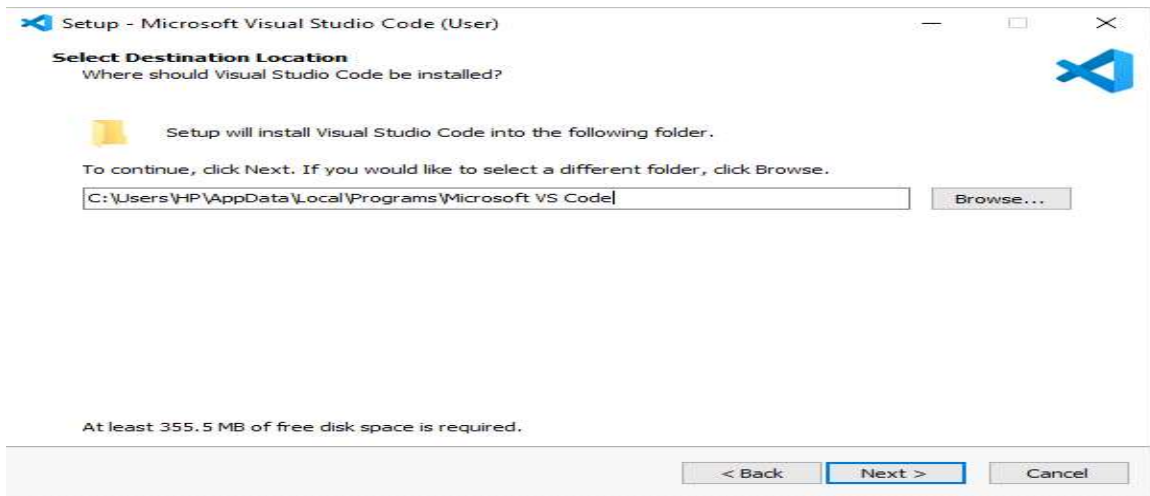
Step#1:

	python-3.6.8-amd64	28/09/2023 10:26 pm	Application	31,085 KB
	python-3.11.5-amd64	26/09/2023 4:12 am	Application	25,325 KB
	rufus-4.2	09/10/2023 9:39 pm	Application	1,400 KB
	TableauPublicDesktop-64bit-2023-3-0	15/10/2023 2:52 am	Application	483,869 KB
	VSCoUserSetup-x64-1.82.2	26/09/2023 4:15 am	Application	92,097 KB
	xampp-windows-x64-8.2.4-0-VS16-instal...	26/09/2023 12:08 am	Application	152,421 KB

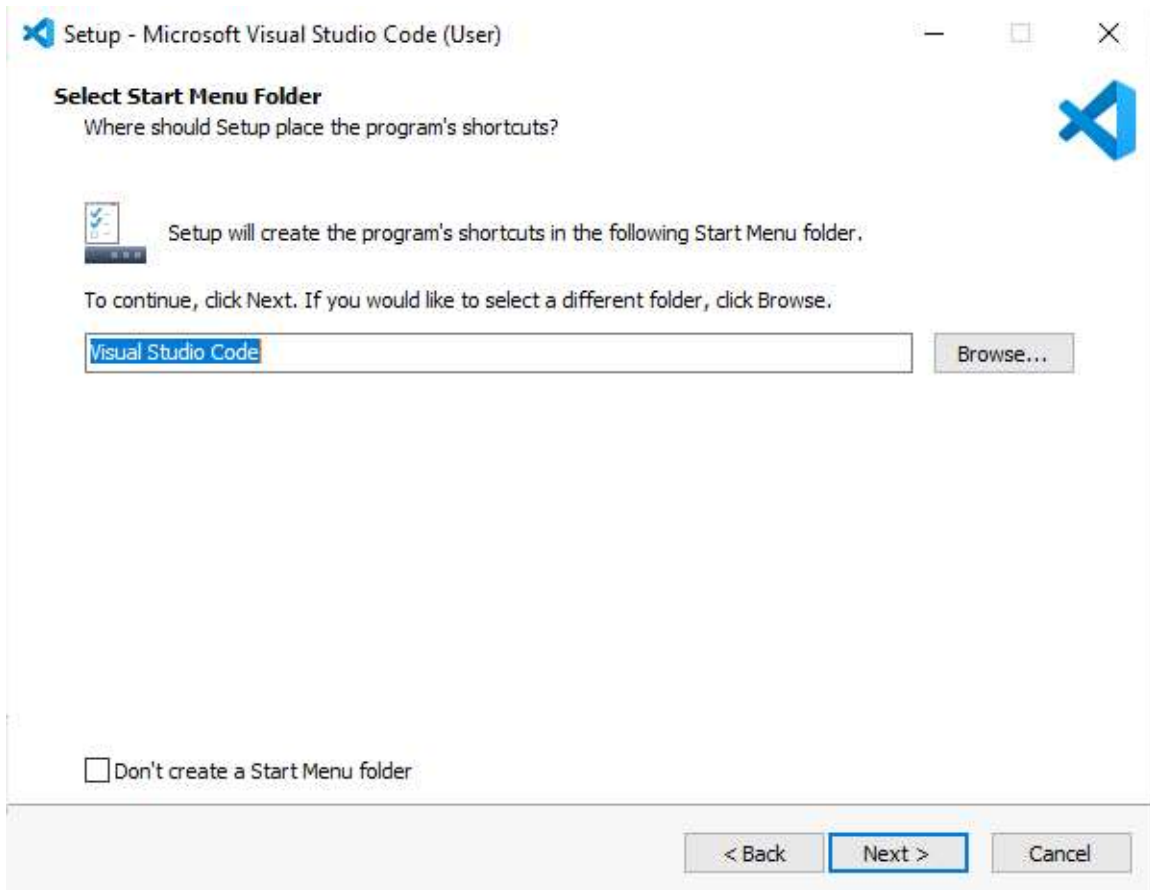
Step#2:



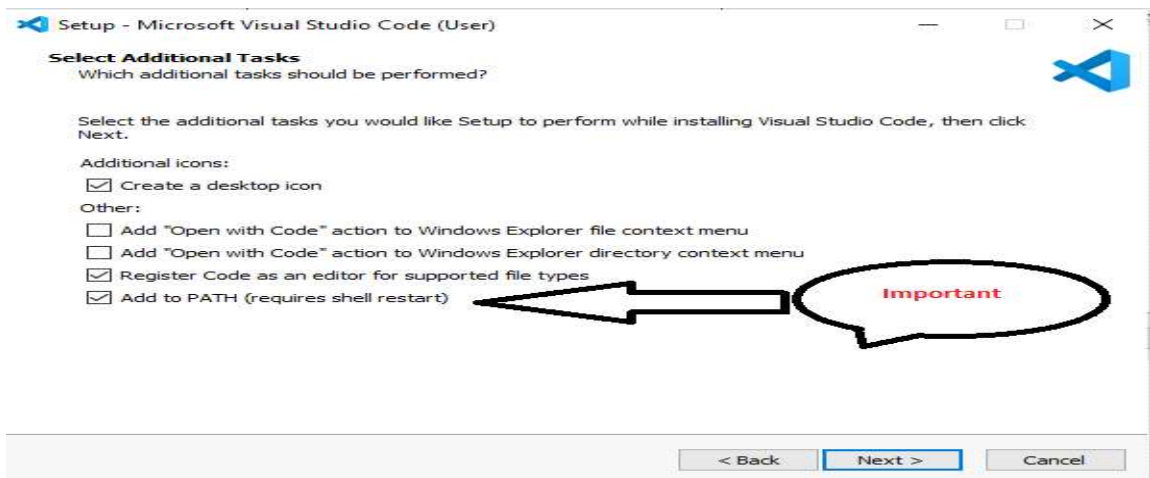
Step#3:



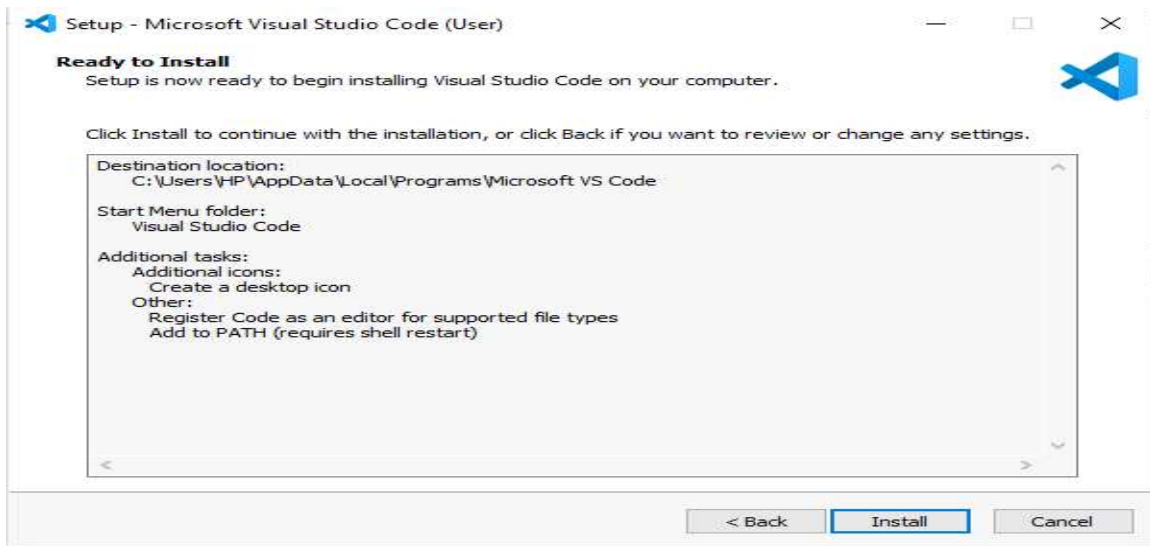
Step#4:



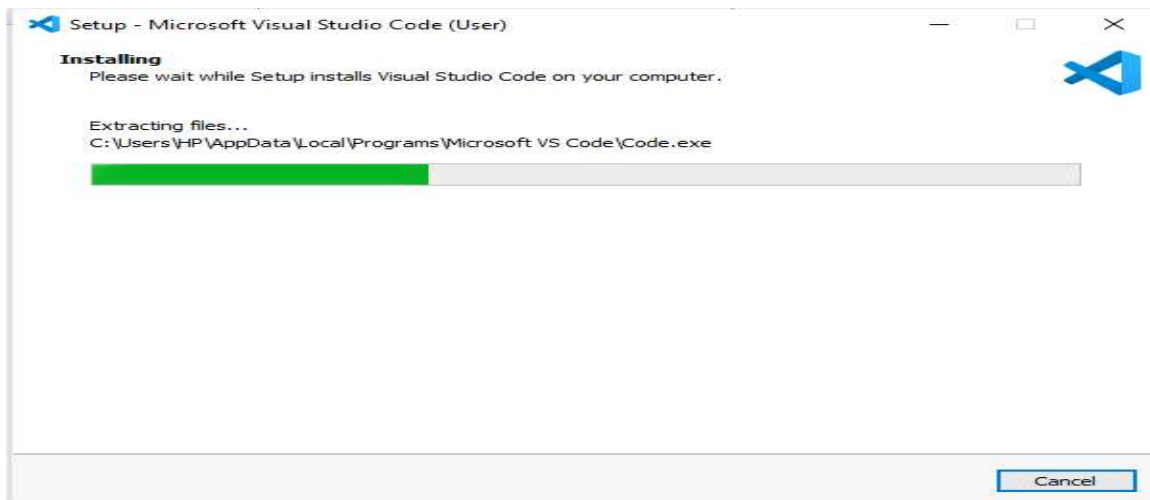
Step#5:



Step#6:



Step#7:



Step#8:

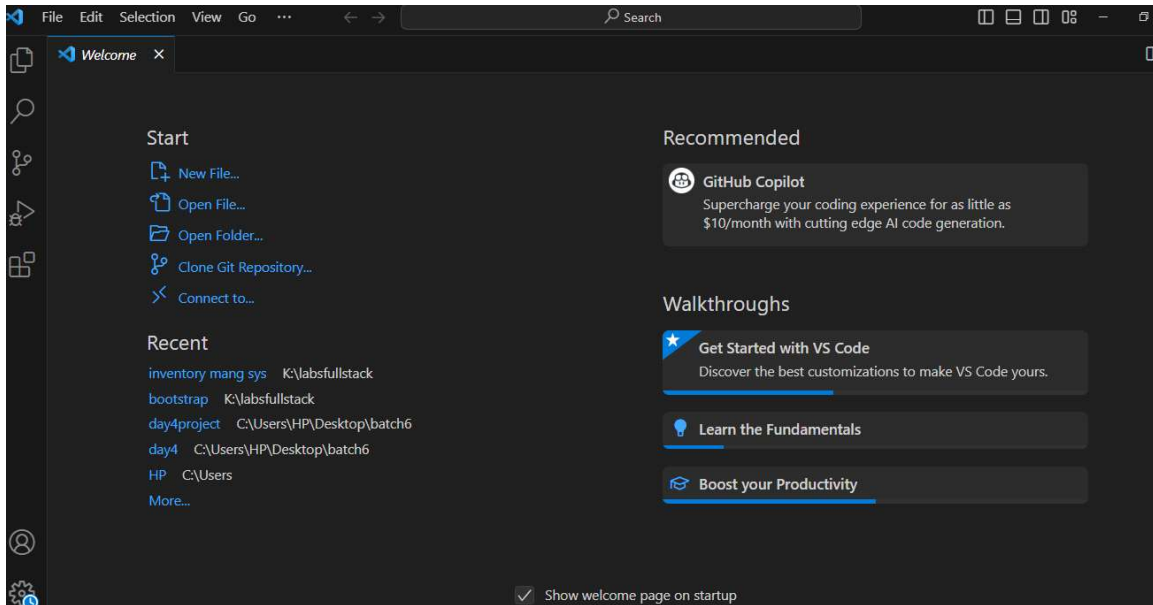


Now Installation of VS code has been done

Introduction of the interface:

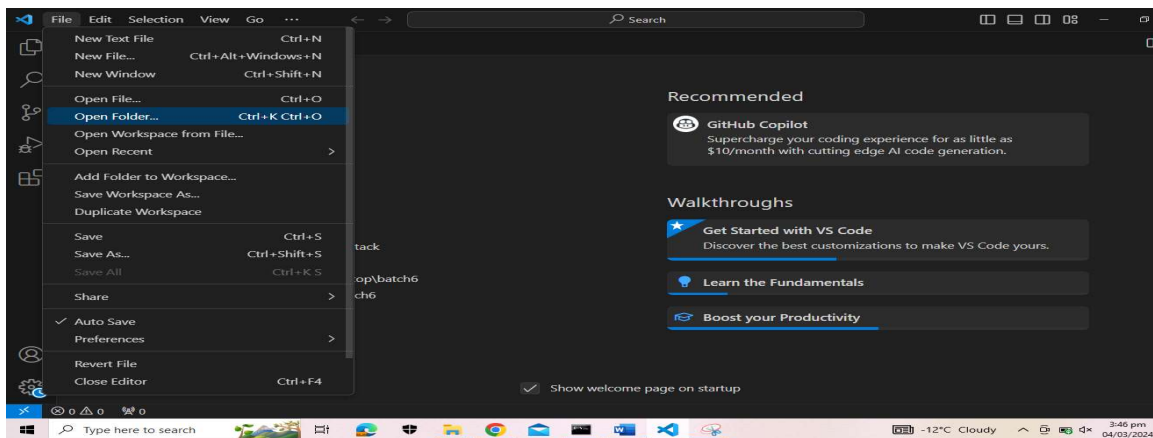
Step1:

Open the VS code editor:

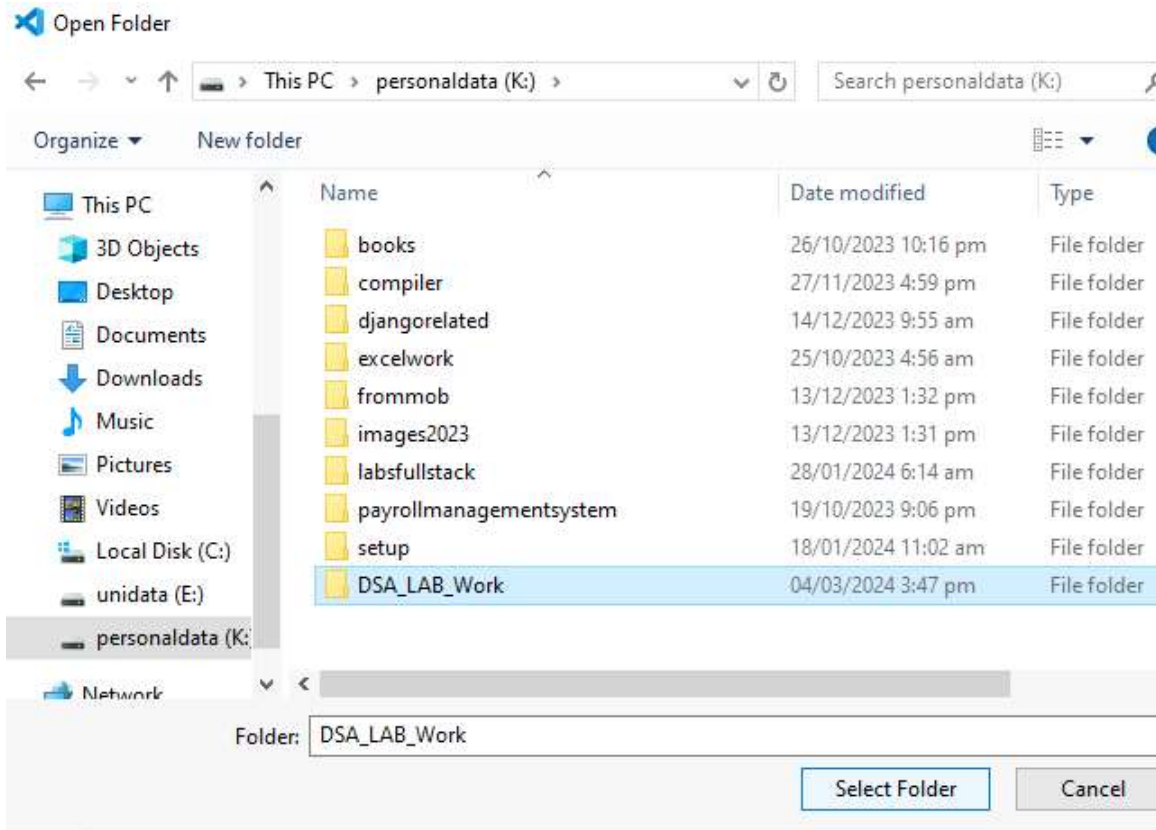


Step#2:

Select the folder in which you are going to save your lab work:

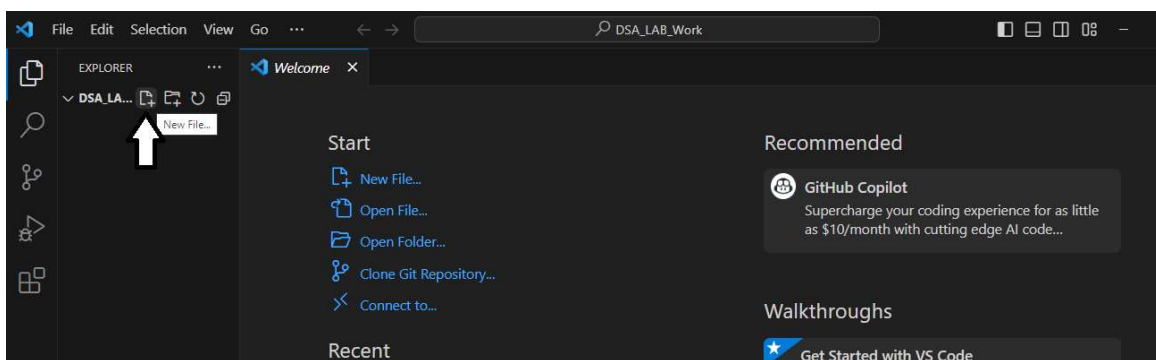


Step#3:

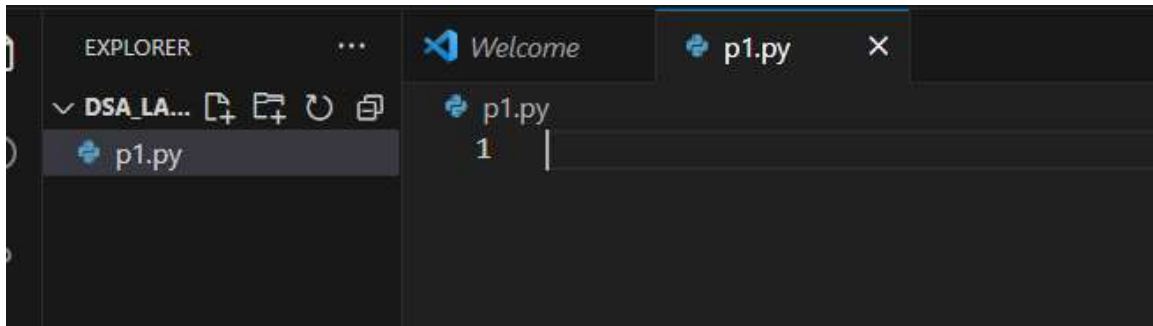


Step#4:

Creating a python file in the above selected folder:



Step#5:



Now we have to install python:

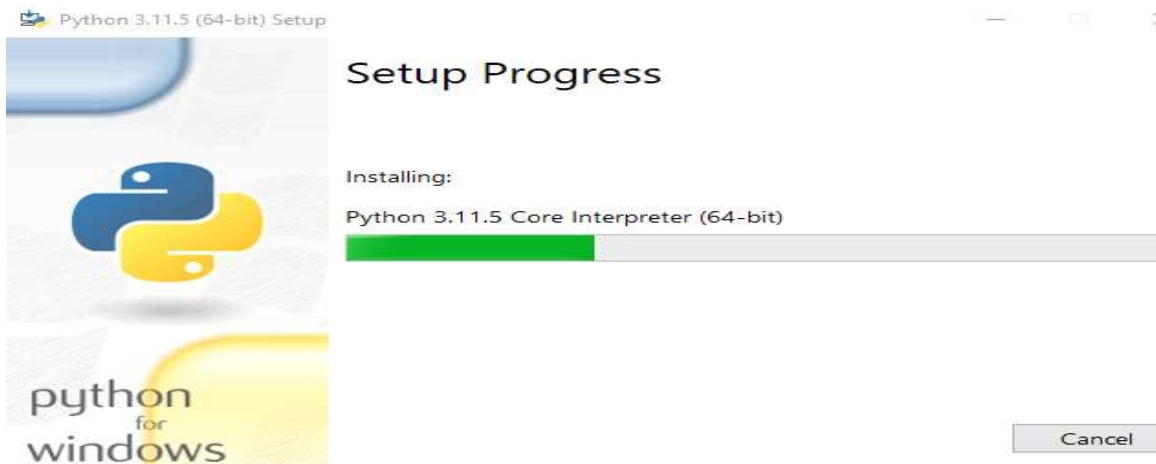
Step#1:

	Git-2.43.0-64-bit	18/01/2024 11:01 am	Application
	HP_LaserJet_Pro_MFP_M25-M27_full_sol...	01/10/2023 9:26 pm	Application
	node-v20.11.0-x64	17/01/2024 11:56 am	Windows Installer ...
	python-3.6.8-amd64	28/09/2023 10:26 pm	Application
	python-3.11.5-amd64	26/09/2023 4:12 am	Application

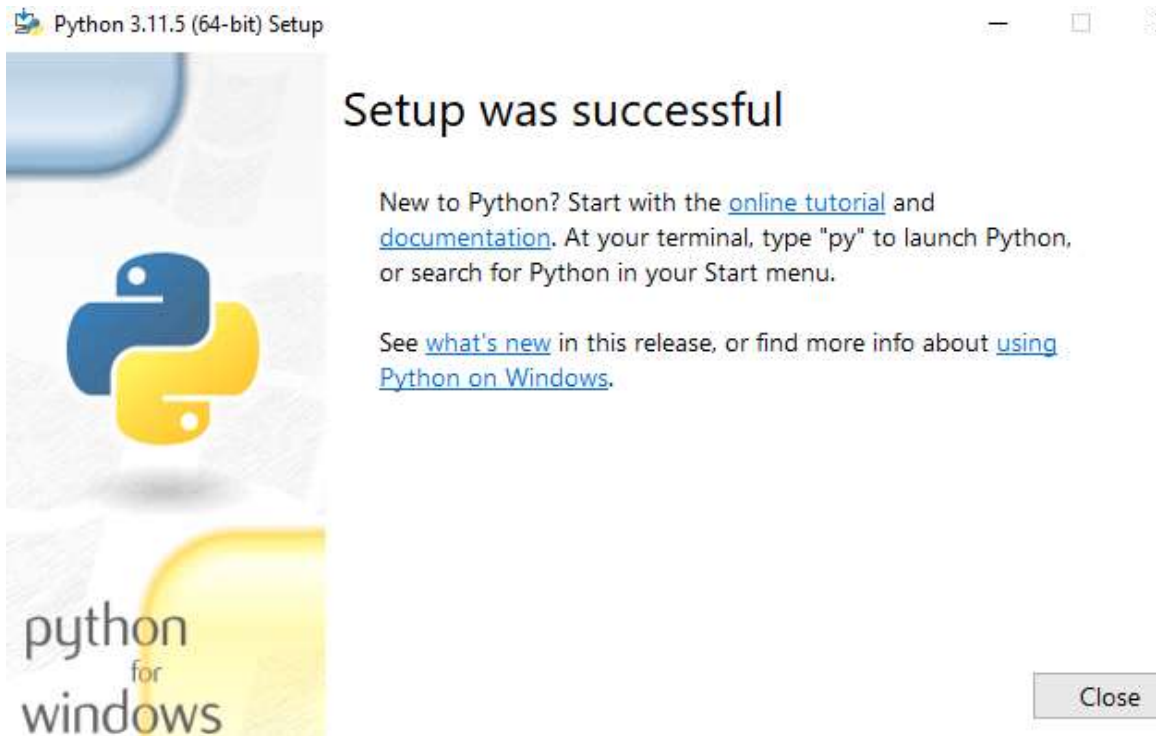
Step#2:



Step#3:



Step#4:

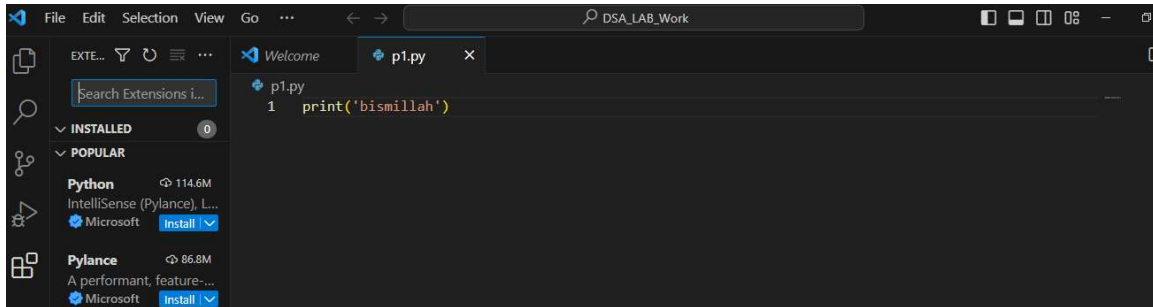


Now installation has been done. Integrate the python with

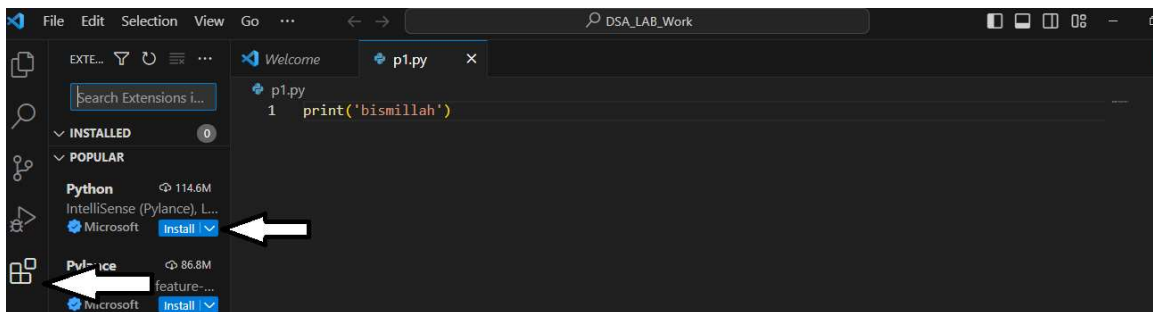
the vs code editor:

Note: Internet connection is required:

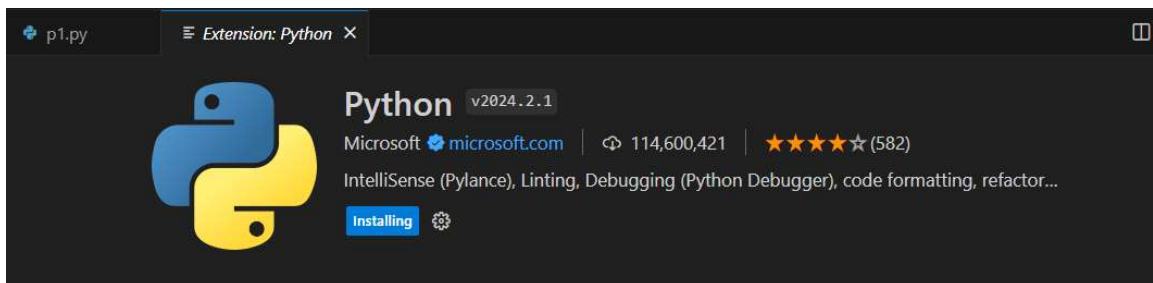
Step#1:



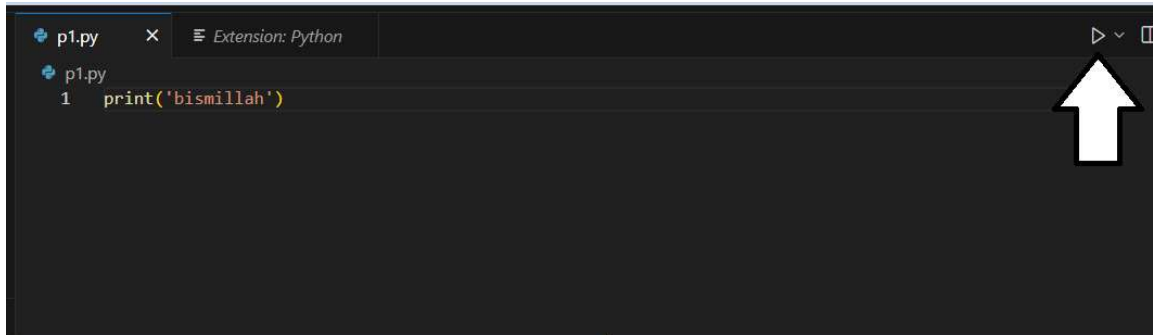
Step#2:



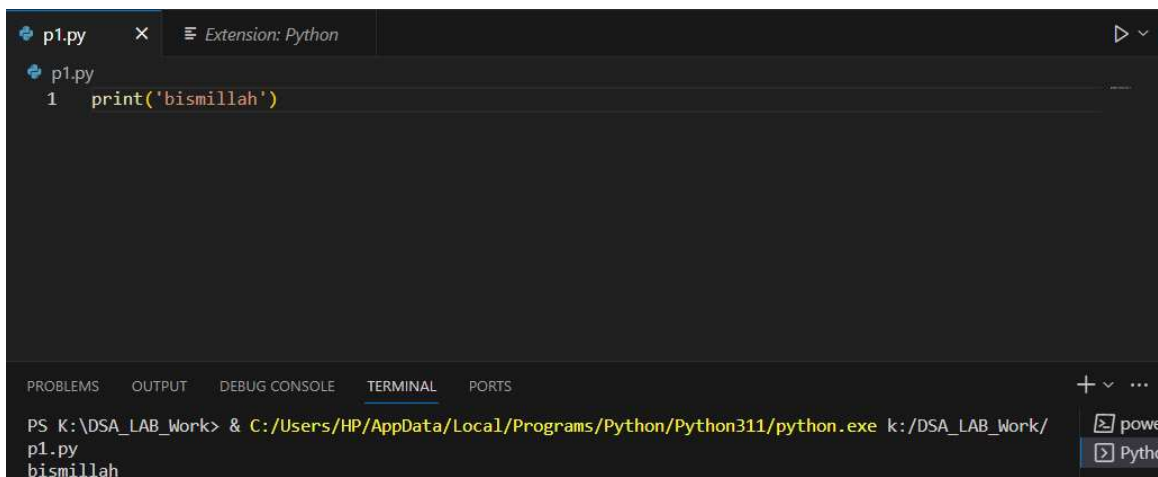
Step#3:



Step#4:



Now we can run the program by simply clicking the above play button:



Alternate:

You can also run the program by typing the name of the program from the terminal:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  
PS K:\DSA_LAB_Work> python p1.py
```

Now press the enter to show the output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  
PS K:\DSA_LAB_Work> python p1.py  
bismillah  
PS K:\DSA LAB Work>
```