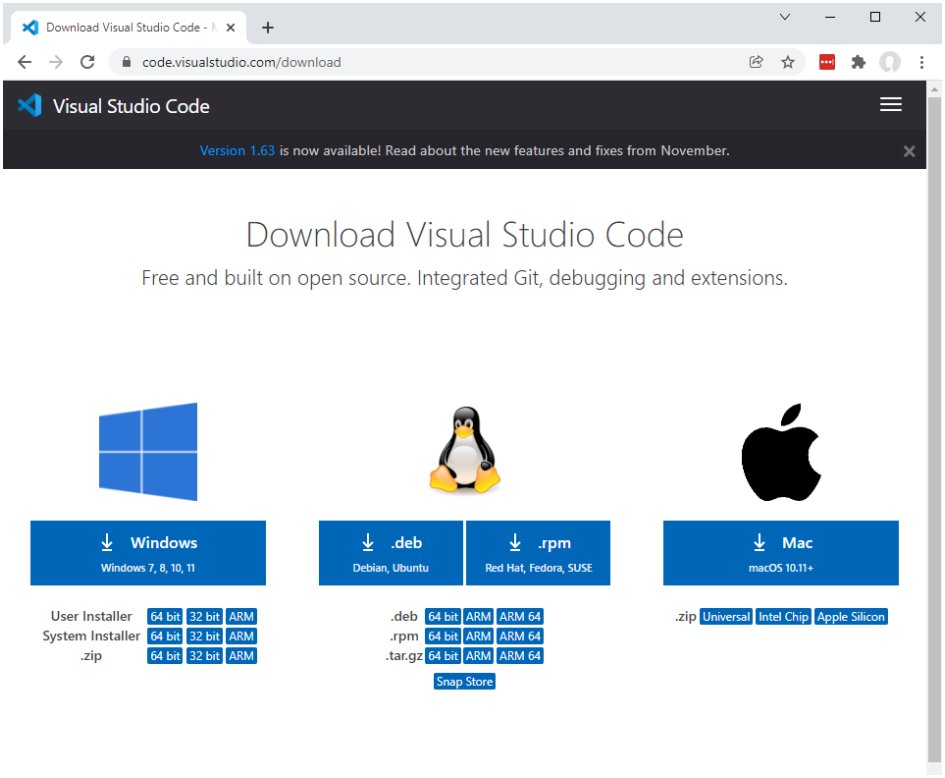
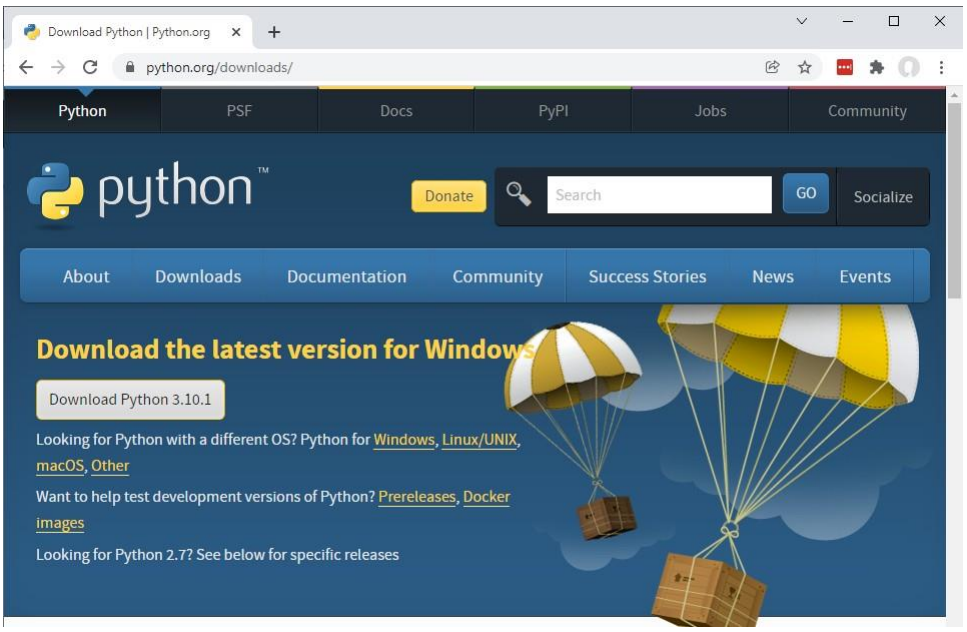
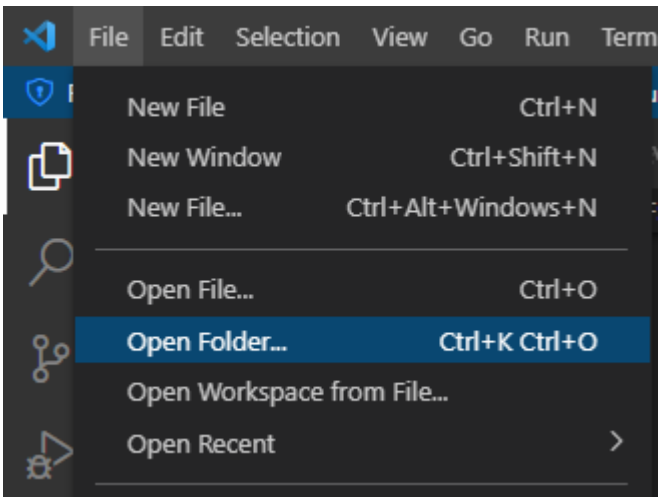
1. Download Visual Studio Code (https://code.visualstudio.com/download) and install in your PC.



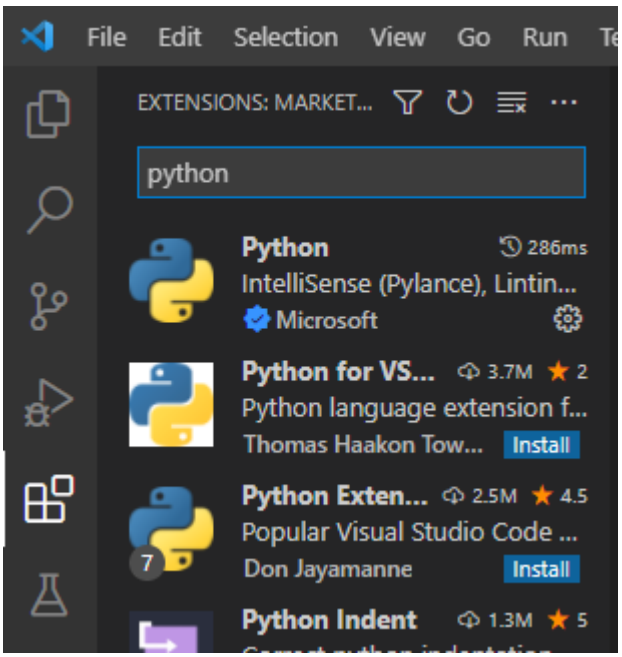
2. Download Phyton (latest version 3.1) and install in your PC



3. Create a new folder called Lab 01.
4. Run Visual Studio Code. Click open folder and select the folder Lab 01 that you have created just now.



5. Click the extension icon in VS Code and search for "*python*". Click the first result Python extension by Microsoft and install the extension.



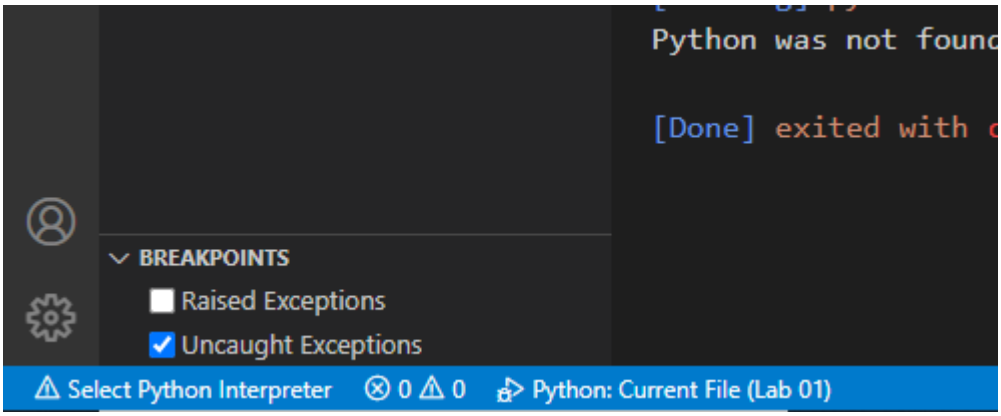
6. Create a new file called Lab 1.1.py (make sure the extension is .py)

7. Type the following code in that file.

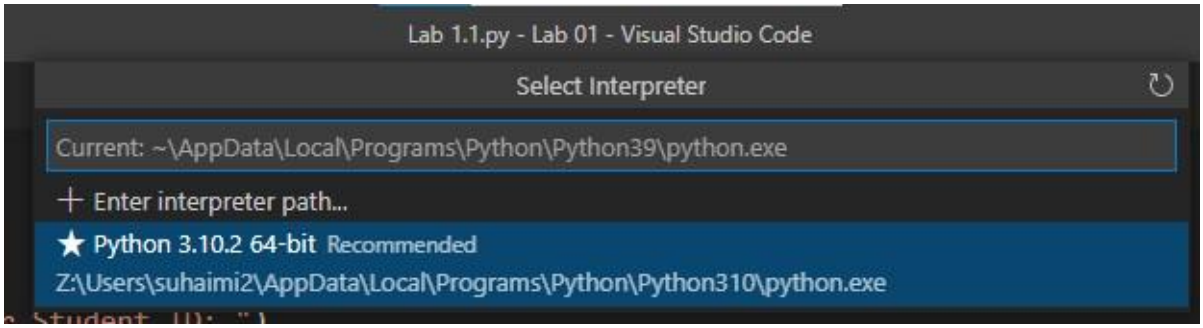
```
# Student ID: 10010912
# Student Name: Suhaimi

print("I like Phyton")
```

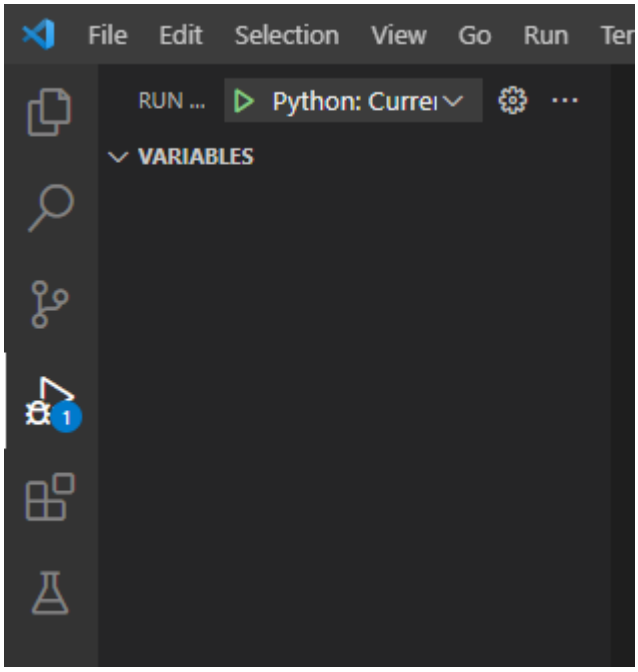
8. In the status bar click Select Phyton Interpreter



9. Select the Recommended interpreter path



10. Click Run and Debug icon and click the green triangle to run.



11. The output will be displayed in the terminal

```
I like Phyton
```

Exercise 1:

- Create a new file called Lab 1.1.py
- Get input for Student ID and name
- Display both Student ID and name

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
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F:\OneDrive - mmu.edu.my\Subject\DPL5211 Fundamentals of Programming Language\DPL5211 Tri 2110\Lab\Phyton\D25V\Lab 01> cmd /C "Z:\Us
ers\suhaimi2\AppData\Local\Programs\Python\Python310\python.exe c:\Users\suhaimi2\.vscode\extensions\ms-python.python-2021.12.155973
2655\pythonFiles\lib\python\debugpy\launcher 50376 -- "f:\OneDrive - mmu.edu.my\Subject\DPL5211 Fundamentals of Programming Language
\DPL5211 Tri 2110\Lab\Phyton\D25V\Lab 01\Lab 1.1.py" "
Please enter Student ID: 1001030912
Please enter Student Name: Suhaimi Sarip
Student ID:  1001030912
Student Name:  Suhaimi Sarip
I like Phyton
```

Exercise 2:

- Create a new file called Lab 1.2.py
- Write a code to accept two integers
- Add the numbers and display the sum

```
Please enter number 1: 2
Please enter number 2: 3
The sum of 2 and 3 is 5
```

Exercise 3:

- Get the user's name
- Get the user's age
- Get the user's favorite subject
- Display the information

```
Please enter your name: John Doe
Please enter your age: 16
Please enter your favorite subject: Math

Student Information:
--------------------
Name: John Doe
Age: 16
Favorite Subject: Math
```

Exercise 4:

- Get the total cost of the meal
- Get the percentage of the tip
- Calculate the tip amount
- Calculate the total amount to be paid
- Display the results

```
Please enter the total cost of the meal: $25.00
Please enter the percentage of the tip (e.g. 15 for 15%): 20

Tip Calculator Results:
-------------------------
Total Cost: $25.00
Tip Percentage: 20.0%
Tip Amount: $5.00
Total Amount: $30.00
```