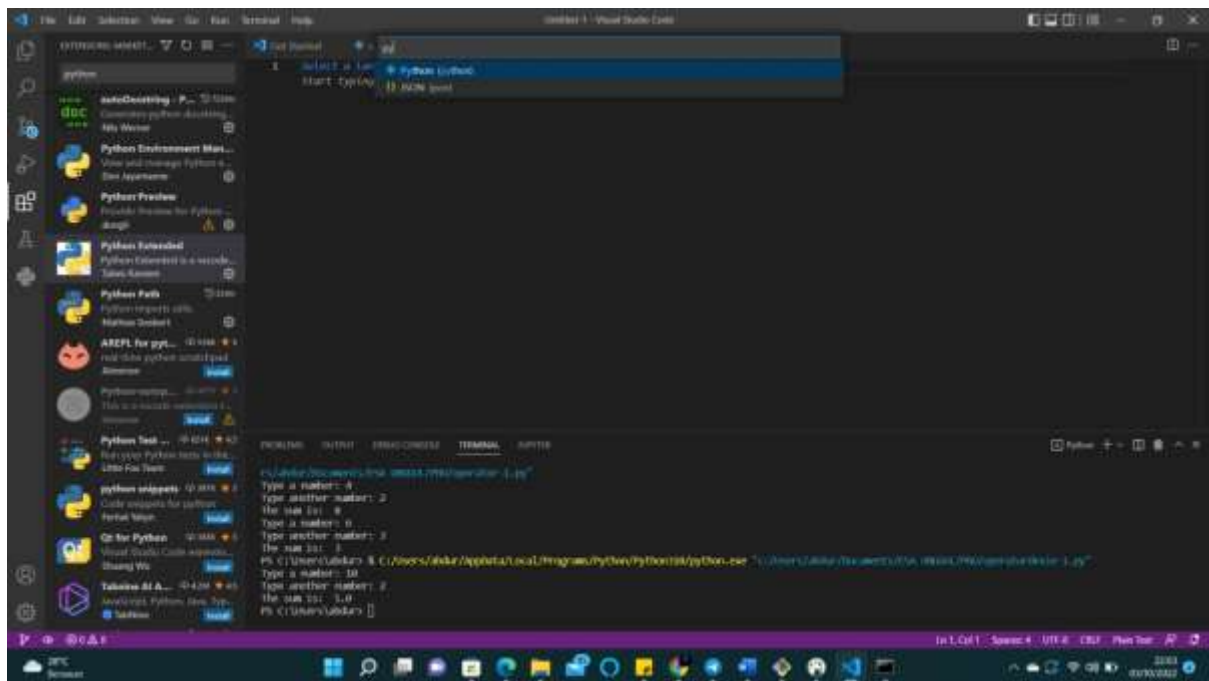


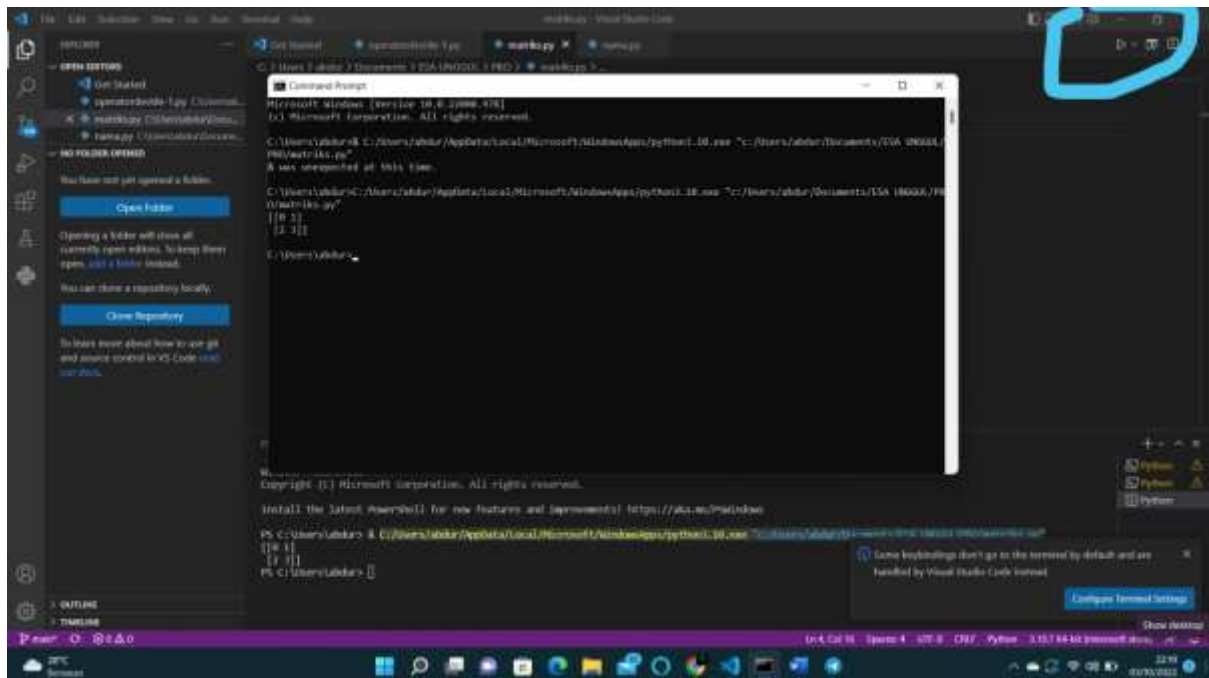
## 1. How to run python with yours tools (full with capture)



Klik tombol run python file atau ketik

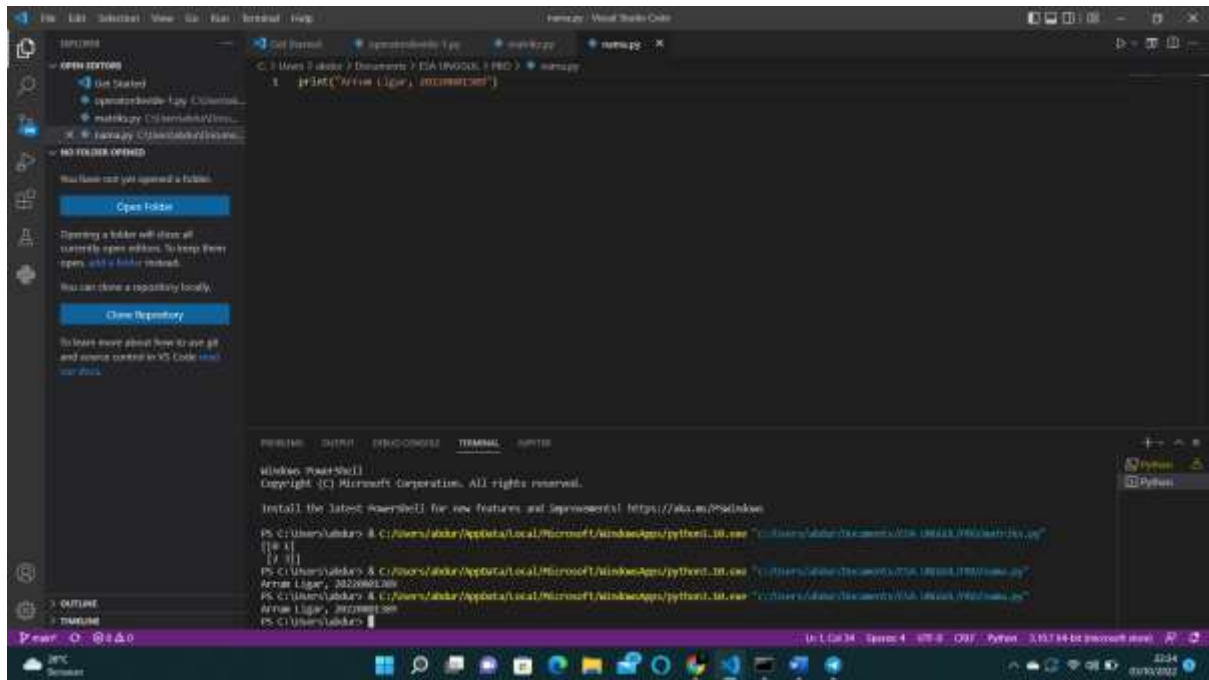
C:/Users/abdur/AppData/Local/Microsoft/WindowsApps/python3.10.exe

"c:/Users/abdur/Documents/ESA UNGGUL/PBO/matriks.py" pada cmd.



2. Make a simple python program with output your name and nim (full with capture and push to github)

Print("Arrum Ligar, 20220801389")



The screenshot shows the Visual Studio Code interface. The file explorer on the left shows a project named 'nama.py'. The editor window displays the following code:

```
1 print('Arrum Ligar, 20220801389')
```

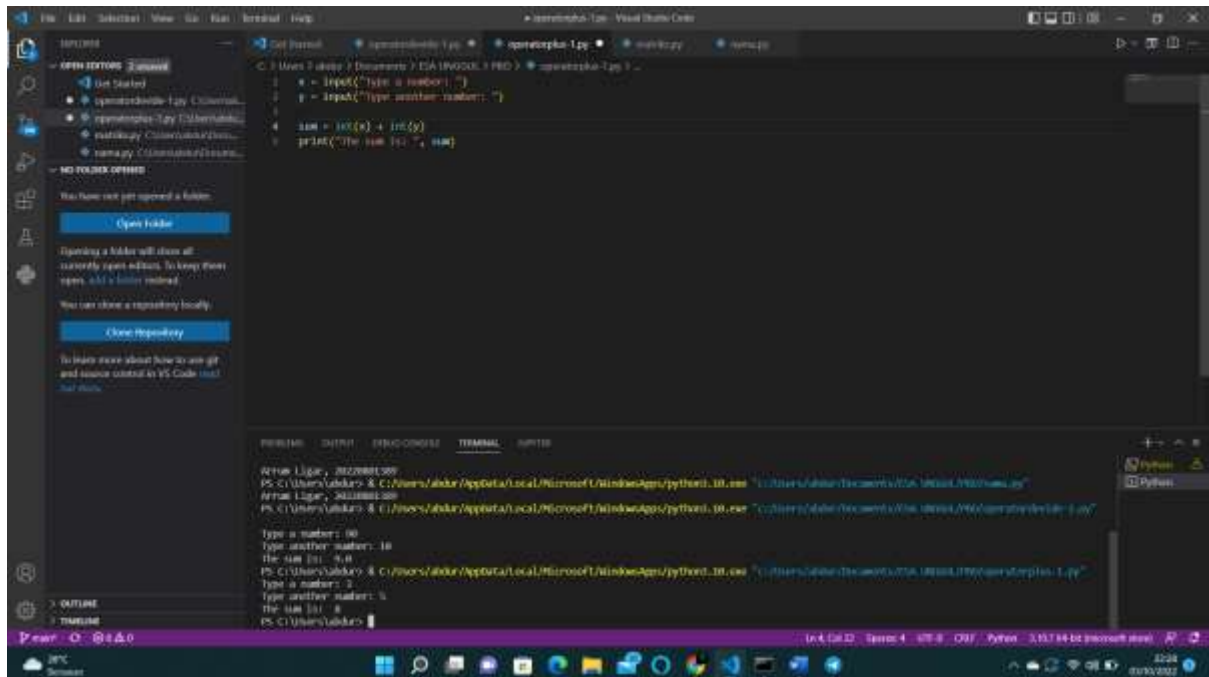
The terminal at the bottom shows the command 'python nama.py' being executed, and the output is 'Arrum Ligar, 20220801389'.

### 3. Make an operator python programming like +,-,/,\* with generate input int from user (full with capture and source code push to github)

Operator plus (+)

```
x = input("Type a number: ")
y = input("Type another number: ")

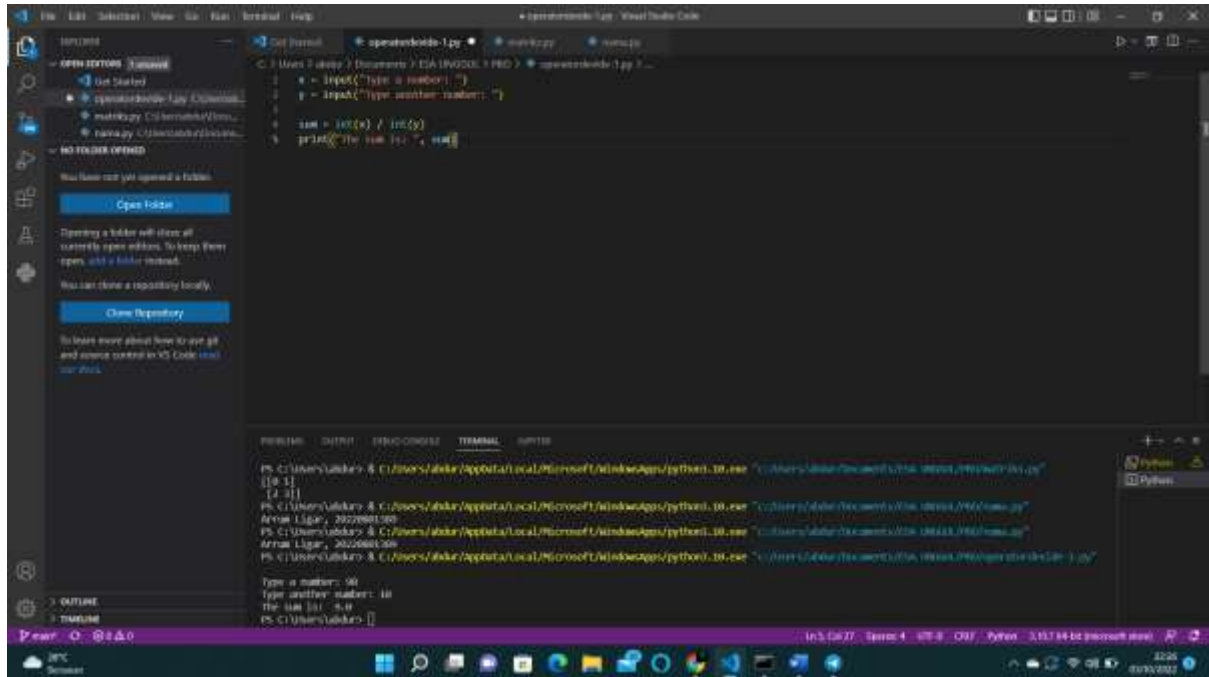
sum = int(x) + int(y)
print("The sum is: ", sum)
```



## Operator Devide (/)

```
x = input("Type a number: ")
y = input("Type another number: ")

sum = int(x) / int(y)
print("The sum is: ", sum)
```

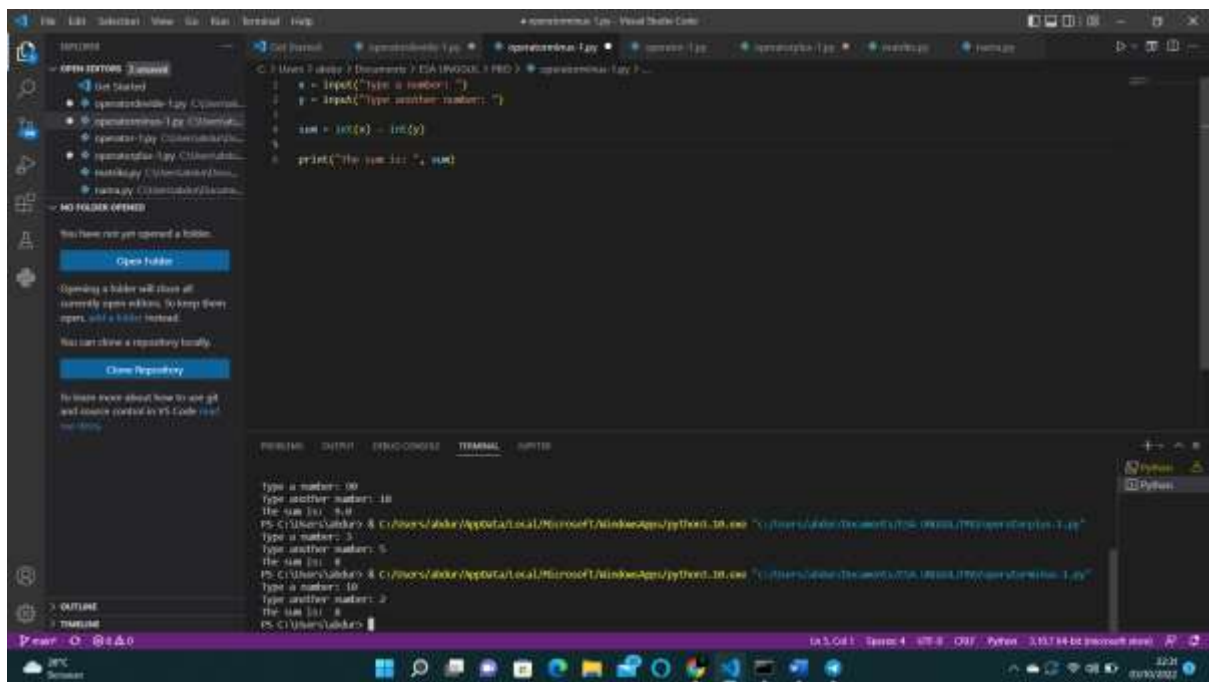


Operator minus (-)

```
x = input("Type a number: ")
y = input("Type another number: ")

sum = int(x) - int(y)

print("The sum is: ", sum)
```



The screenshot shows the Visual Studio Code interface. The editor window displays a Python script with the following code:

```
1 x = input("Type a number: ")
2 y = input("Type another number: ")
3
4 sum = int(x) - int(y)
5
6 print("The sum is: ", sum)
```

The left sidebar shows the Explorer view with a file named "operatorminus.py" selected. The bottom panel shows the TERMINAL view with the following output:

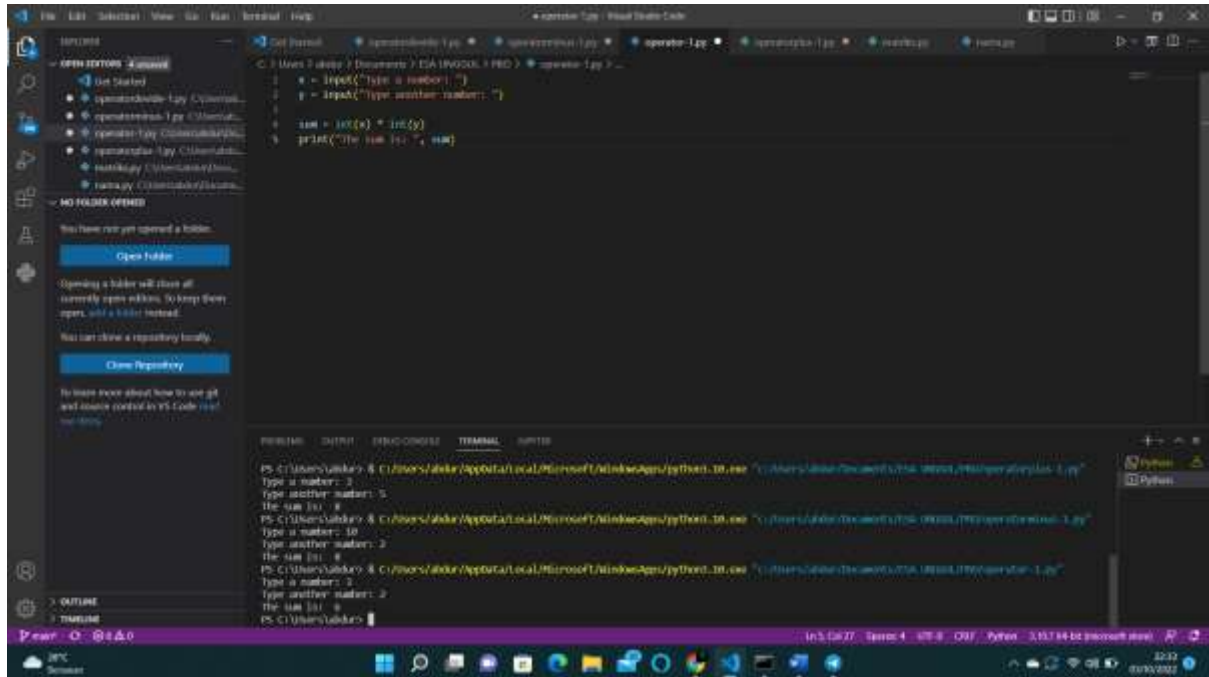
```
type a number: 10
type another number: 10
The sum is:  0
PS C:\Users\valdun> & C:\Users\valdun\AppData\Local\Microsoft\WindowsApps/python.10.exe "C:\Users\valdun\Documents\Python\operatorminus.py"
type a number: 5
type another number: 5
The sum is:  0
PS C:\Users\valdun> & C:\Users\valdun\AppData\Local\Microsoft\WindowsApps/python.10.exe "C:\Users\valdun\Documents\Python\operatorminus.py"
type a number: 10
type another number: 2
The sum is:  8
PS C:\Users\valdun>
```

The status bar at the bottom indicates the file is "operatorminus.py" and the Python interpreter is "Python 3.10.11 64-bit Microsoft Store".

Operator (\*)

```
x = input("Type a number: ")
y = input("Type another number: ")

sum = int(x) * int(y)
print("The sum is: ", sum)
```



4. Make a matrix 2X2 with python programming (bonus with do some logic + or - matrix) dont forget to capture and source code push to github

```
from numpy import *  
matriks = range(4)  
matriks = reshape(matriks,(2,2))  
print (matriks)
```

