

Date – 28/05/2021

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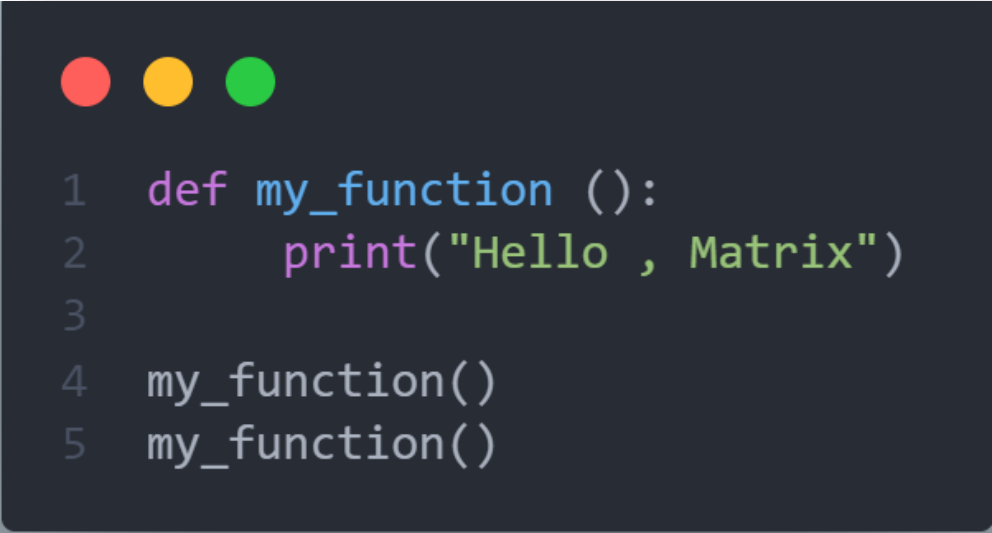
Branch – Information Technology (BE)

Sem -7th

## Task

### **PYTHON FUNCTION EXAMPLES: -**

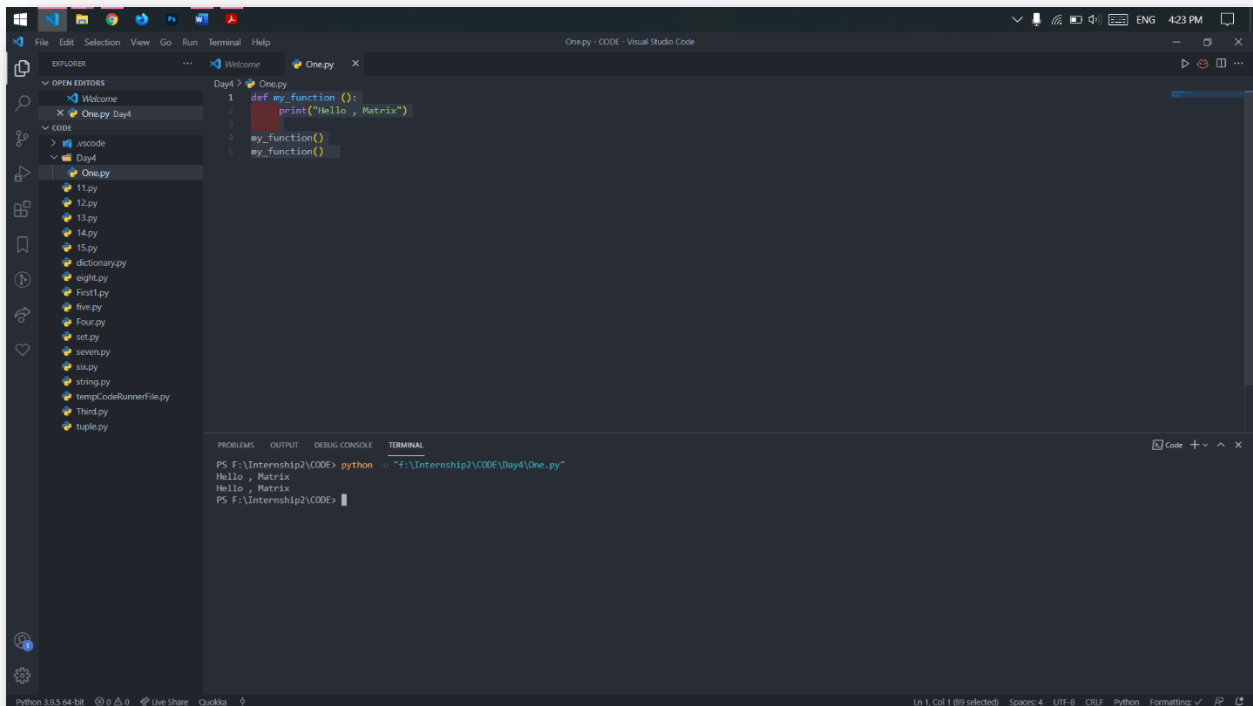
#### **1. Code**



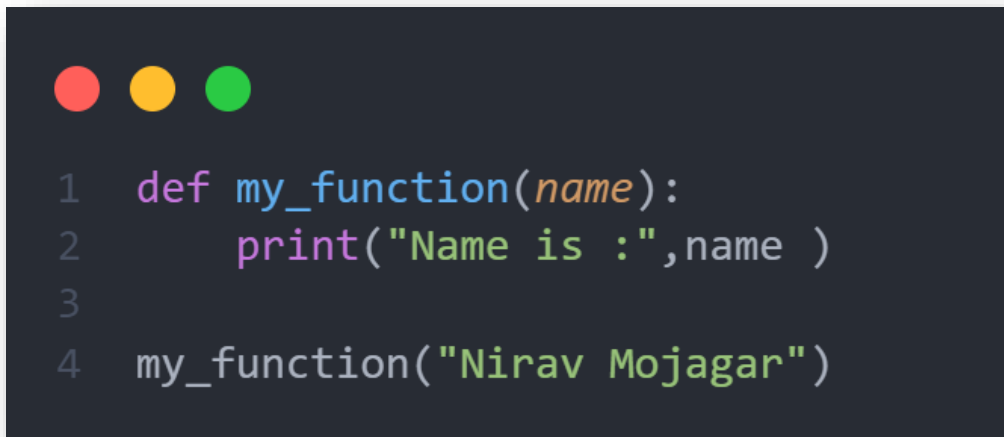
```
1  def my_function ():
2      print("Hello , Matrix")
3
4  my_function()
5  my_function()
```

-

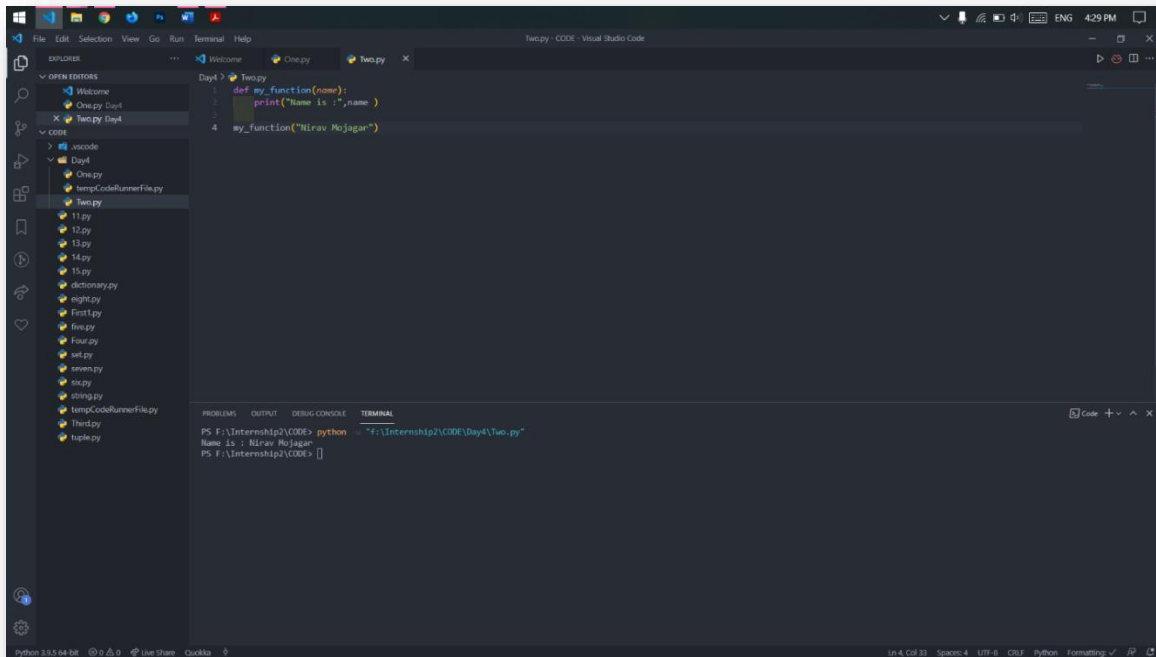
#### **Output:-**



## 2. Code

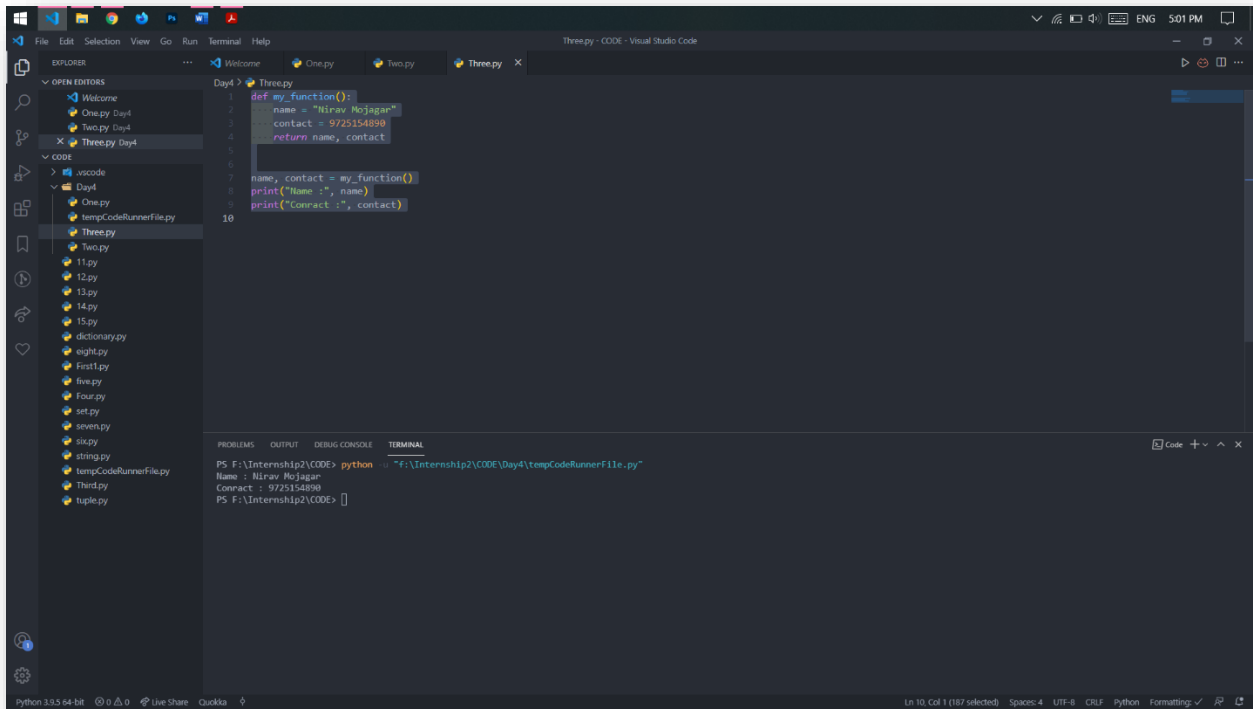


**Output: -**



### 3. Code:

```
1 def my_function():  
2     name = "Nirav Mojagar"  
3     contact = 9725154890  
4     return name, contact  
5  
6  
7 name, contact = my_function()  
8 print("Name :", name)  
9 print("Conctract :", contact)  
10
```

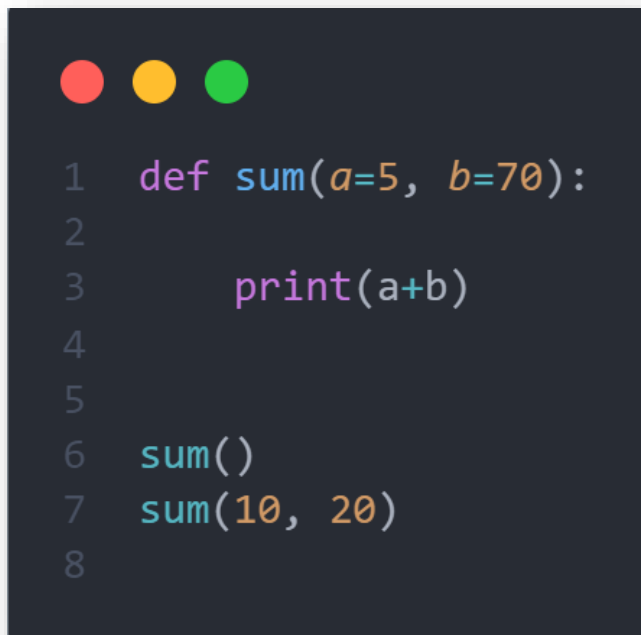
**Output: -**

The screenshot shows the Visual Studio Code editor with a file named 'Three.py' open. The code in the file is as follows:

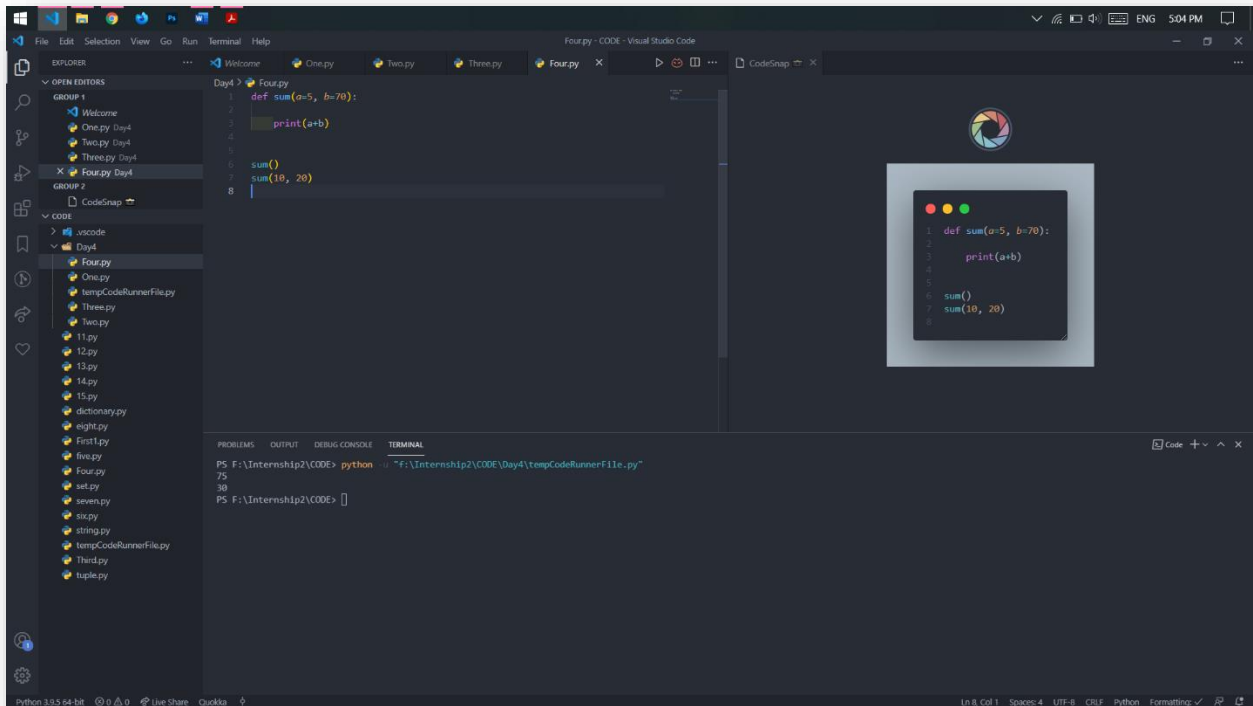
```
1 def my_function():  
2     name = "Nirav Mojagan"  
3     contact = 9725154898  
4     return name, contact  
5  
6  
7 name, contact = my_function()  
8 print("Name :-", name)  
9 print("Contact :-", contact)  
10
```

The terminal at the bottom shows the output of running the script:

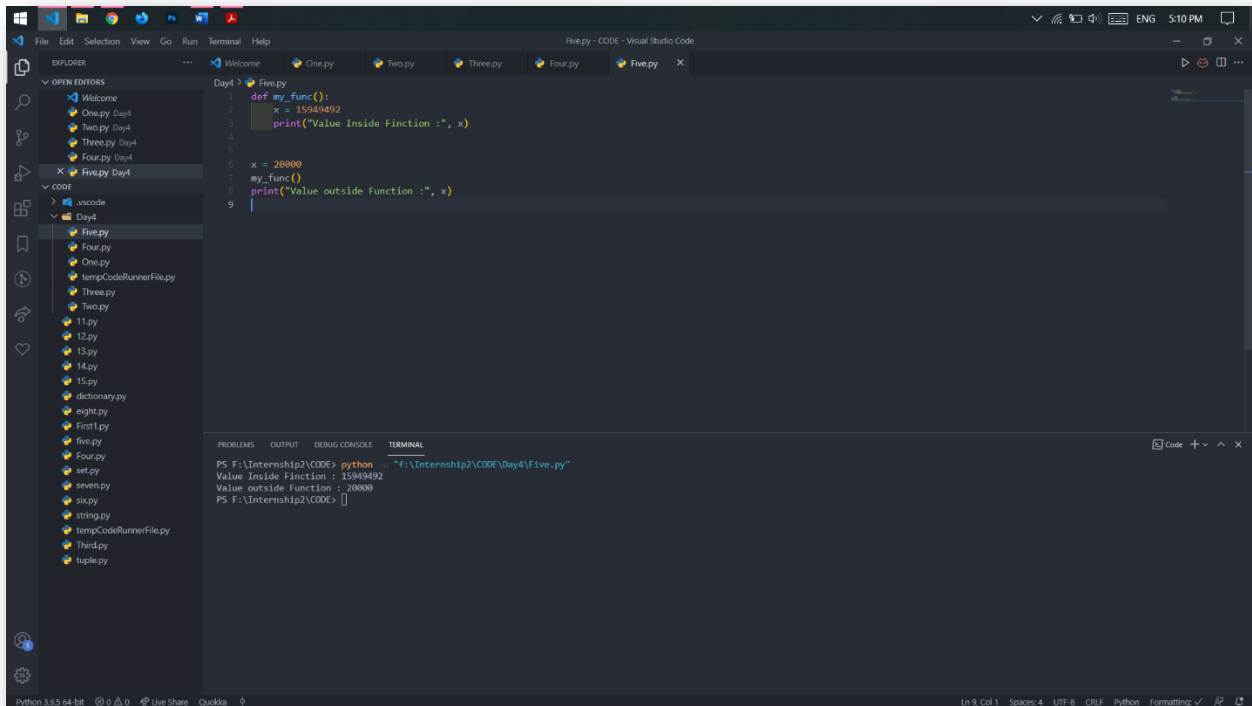
```
PS F:\Internship2\CODE> python .\Three.py  
Name : Nirav Mojagan  
Contact : 9725154898  
PS F:\Internship2\CODE>
```

**4. Code: -**

```
1 def sum(a=5, b=70):  
2  
3     print(a+b)  
4  
5  
6 sum()  
7 sum(10, 20)  
8
```

**Output: -****5. Code: -**

```
1 def my_func():  
2     x = 15949492  
3     print("Value Inside Finction :", x)  
4  
5  
6 x = 20000  
7 my_func()  
8 print("Value outside Function :", x)  
9
```

**Output: -**

The screenshot shows the Visual Studio Code editor with a file named `Five.py` open. The code defines a function `my_func()` that prints a value inside the function and then prints a value outside the function. The terminal output shows the execution of the script, displaying the values printed by the function.

```
def my_func():  
    x = 15949492  
    print("Value Inside Function :", x)  
  
x = 20000  
my_func()  
print("Value outside Function :", x)
```

Terminal Output:

```
PS F:\Internship2\CODE> python "F:\Internship2\CODE\Day4\Five.py"  
Value Inside Function : 15949492  
Value outside Function : 20000  
PS F:\Internship2\CODE>
```

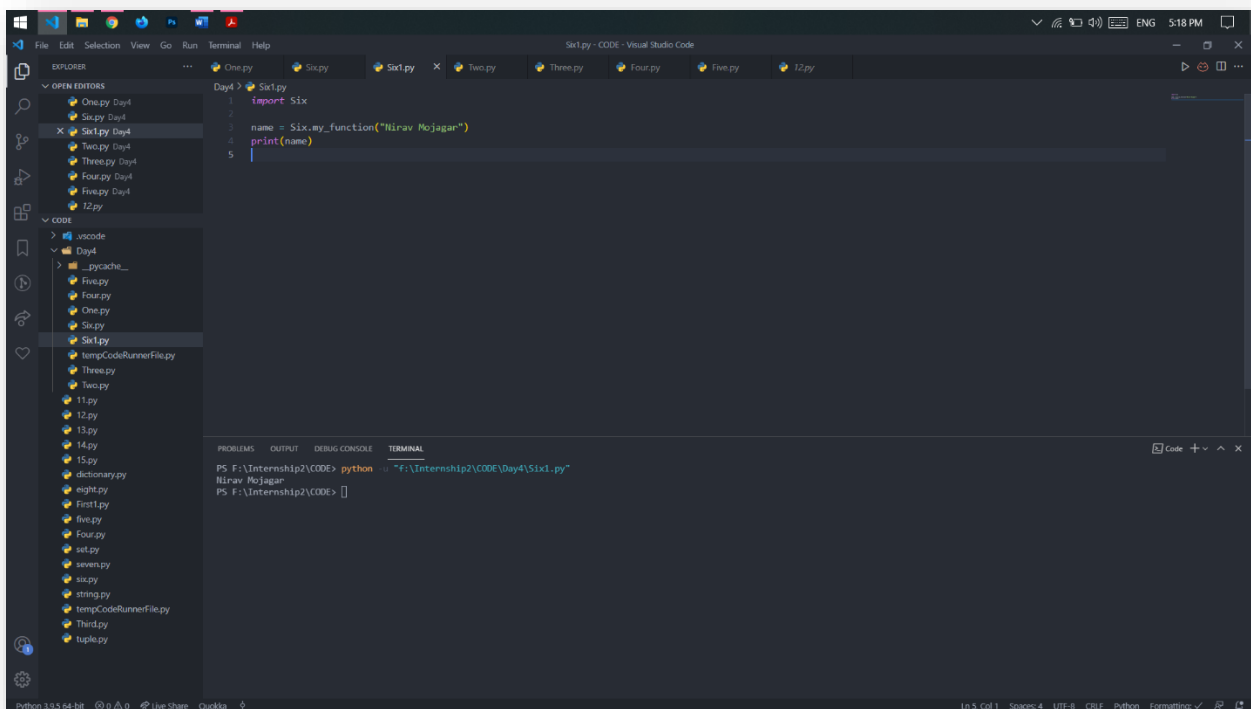
**6. Import Statement****Code :-****Six.py**

The screenshot shows a code editor with a dark background. At the top, there are three colored circles: red, yellow, and green. Below them, the code defines a function `my_function(name)` that returns the value of `name`.

```
1 def my_function(name):  
2     return name  
3
```

Six1.py

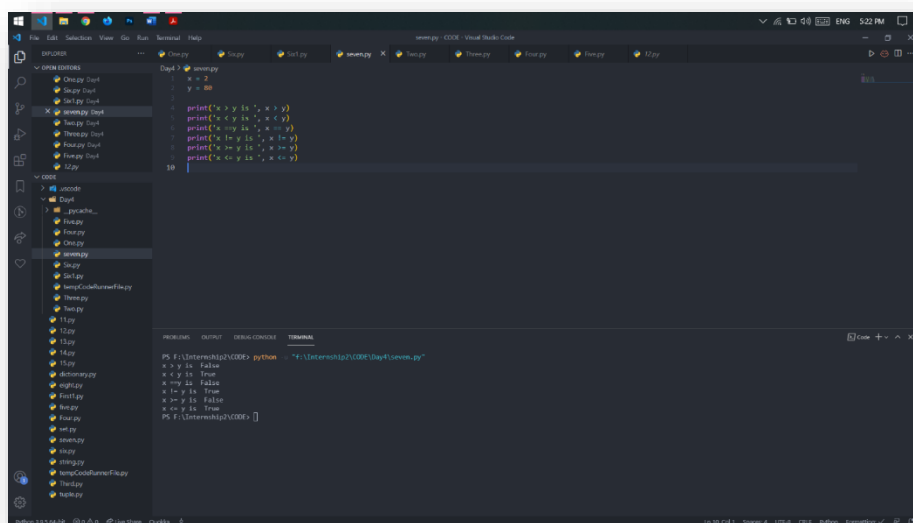
```
1 import Six
2
3 name = Six.my_function("Nirav Mojagar")
4 print(name)
5
```

Output :-

## 7. Code

```
1  x = 2
2  y = 80
3
4  print('x > y is ', x > y)
5  print('x < y is ', x < y)
6  print('x == y is ', x == y)
7  print('x != y is ', x != y)
8  print('x >= y is ', x >= y)
9  print('x <= y is ', x <= y)
10
```

## Output :-



```
Day4.py
1  x = 2
2  y = 80
3
4  print('x > y is ', x > y)
5  print('x < y is ', x < y)
6  print('x == y is ', x == y)
7  print('x != y is ', x != y)
8  print('x >= y is ', x >= y)
9  print('x <= y is ', x <= y)
10

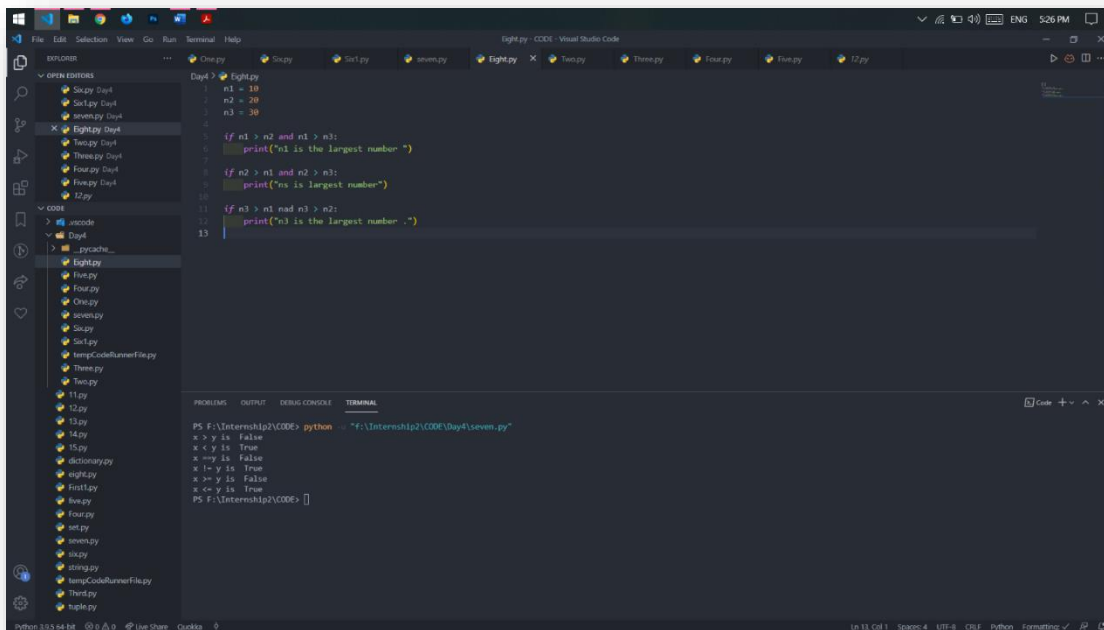
Terminal
PS C:\Users\user> python -i "C:\Users\user\Documents\Day4.py"
x > y is False
x < y is True
x == y is False
x != y is True
x >= y is False
x <= y is True
PS C:\Users\user>
```



## 8. Code-

```
1  n1 = 10
2  n2 = 20
3  n3 = 30
4
5  if n1 > n2 and n1 > n3:
6      print("n1 is the largest number ")
7
8  if n2 > n1 and n2 > n3:
9      print("ns is largest number")
10
11 if n3 > n1 nad n3 > n2:
12     print("n3 is the largest number .")
13
```

## Output :-



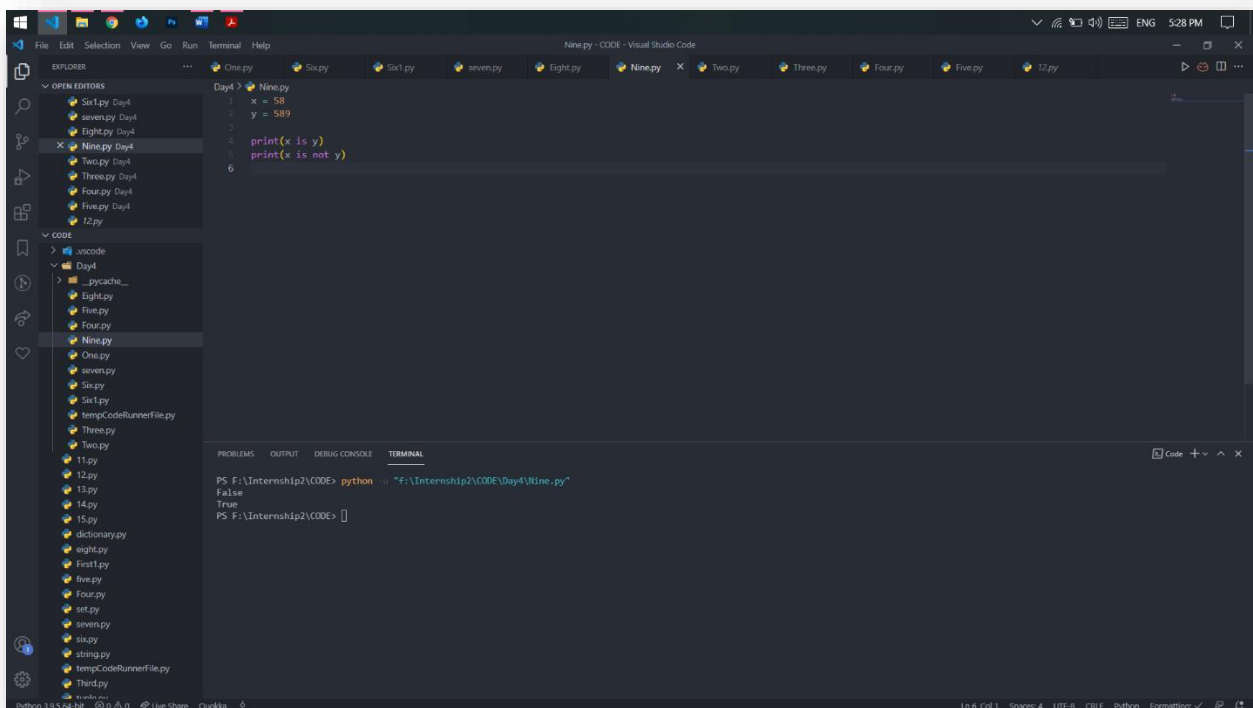
The screenshot shows a Visual Studio Code editor with a Python script open. The script defines three variables: n1 = 10, n2 = 20, and n3 = 30. It then uses if statements to compare these values. The first if statement checks if n1 is greater than both n2 and n3. The second if statement checks if n2 is greater than both n1 and n3. The third if statement checks if n3 is greater than both n1 and n2. The output of the script is displayed in the terminal window at the bottom, showing the results of the comparisons.

```
PS F:\Internship2\CODE> python "F:\Internship2\CODE\day4\seven.py"
x > y is False
x < y is True
x == y is False
x != y is True
x >= y is False
x <= y is True
PS F:\Internship2\CODE>
```

## 9. Code :-

```
1 x = 58
2 y = 589
3
4 print(x is y)
5 print(x is not y)
6
```

## Output



```
File Edit Selection View Go Run Terminal Help
Nine.py - CODE - Visual Studio Code
EXPLORER
  Day4
    One.py
    Six.py
    Seven.py
    Eight.py
    Nine.py
    Two.py
    Three.py
    Four.py
    Five.py
    Twelve.py
  CODE
    .vscode
    Day4
      .pycache__
      Eight.py
      Eleven.py
      Four.py
      Nine.py
      One.py
      Seven.py
      Six.py
      Six1.py
      tempCodeRunnerFile.py
      Three.py
      Two.py
      Eleven.py
      Twelve.py
      Thirteen.py
      Fifteen.py
      dictionary.py
      eight.py
      First1.py
      five.py
      Four.py
      set.py
      seven.py
      six.py
      string.py
      tempCodeRunnerFile.py
      Thirteen.py
      Thirteen.py
  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
  PS F:\Internship2\CODE> python "f:\Internship2\CODE\Day4\Nine.py"
  False
  True
  PS F:\Internship2\CODE> []
  Python 3.9.5 64-bit 0 0 0 Live Share Quokka
```