

Date – 28/05/2021

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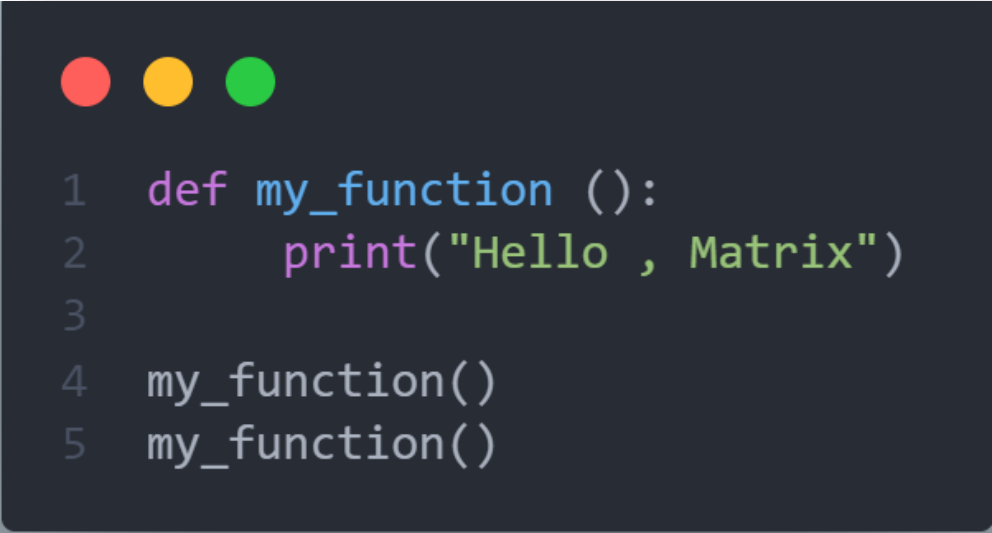
Branch – Information Technology (BE)

Sem -7th

Task

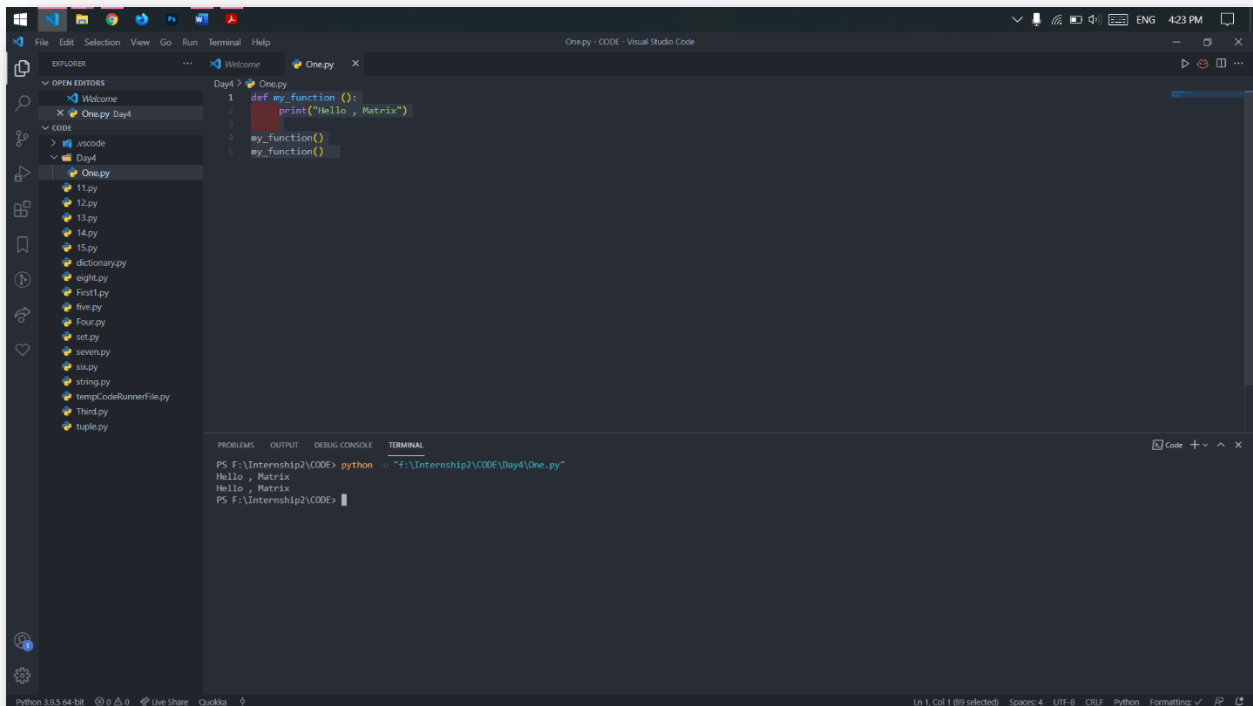
PYTHON FUNCTION EXAMPLES: -

1. Code

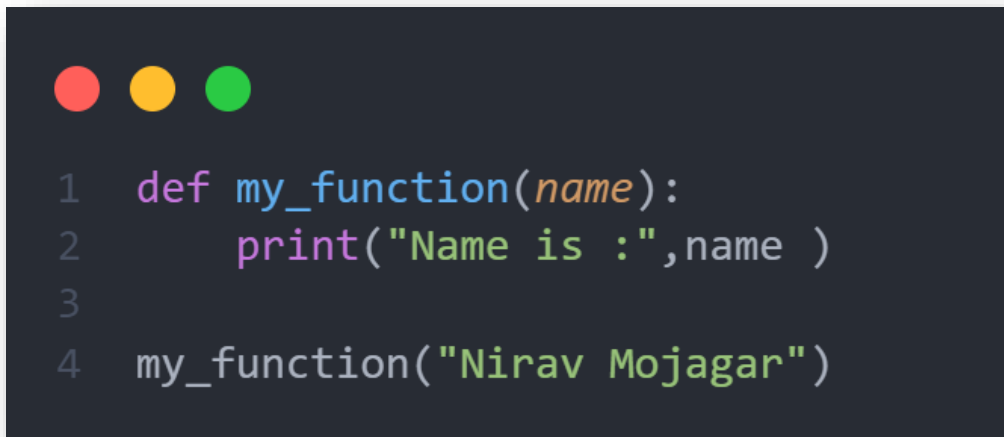


```
1 def my_function ():
2     print("Hello , Matrix")
3
4 my_function()
5 my_function()
```

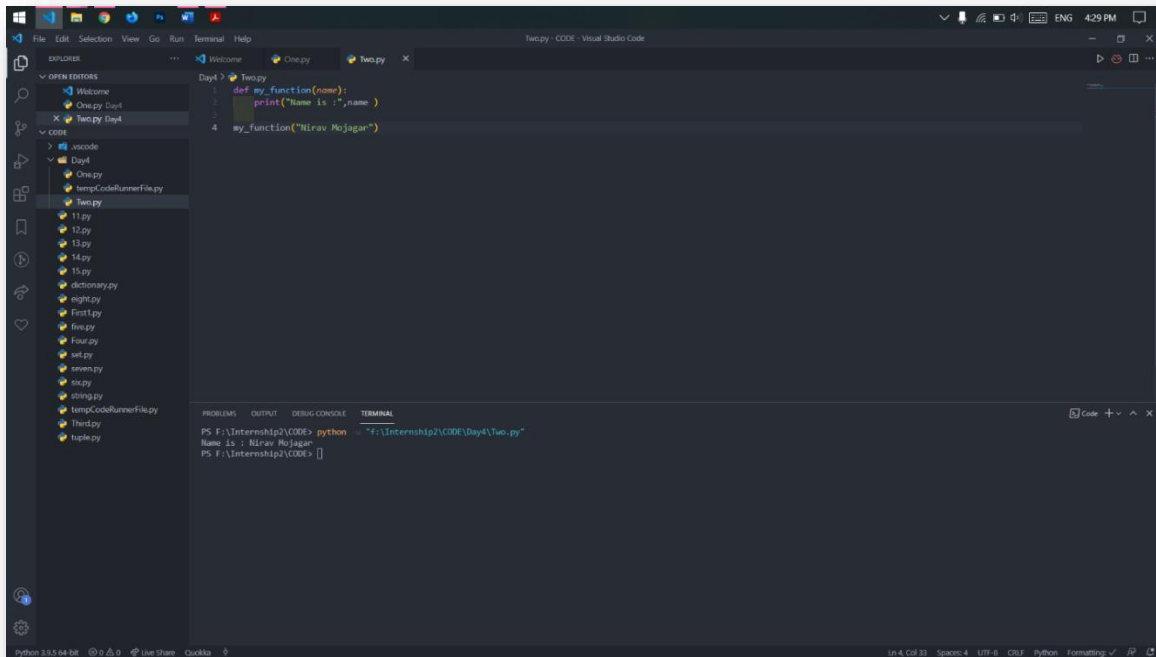
Output:-



2. Code

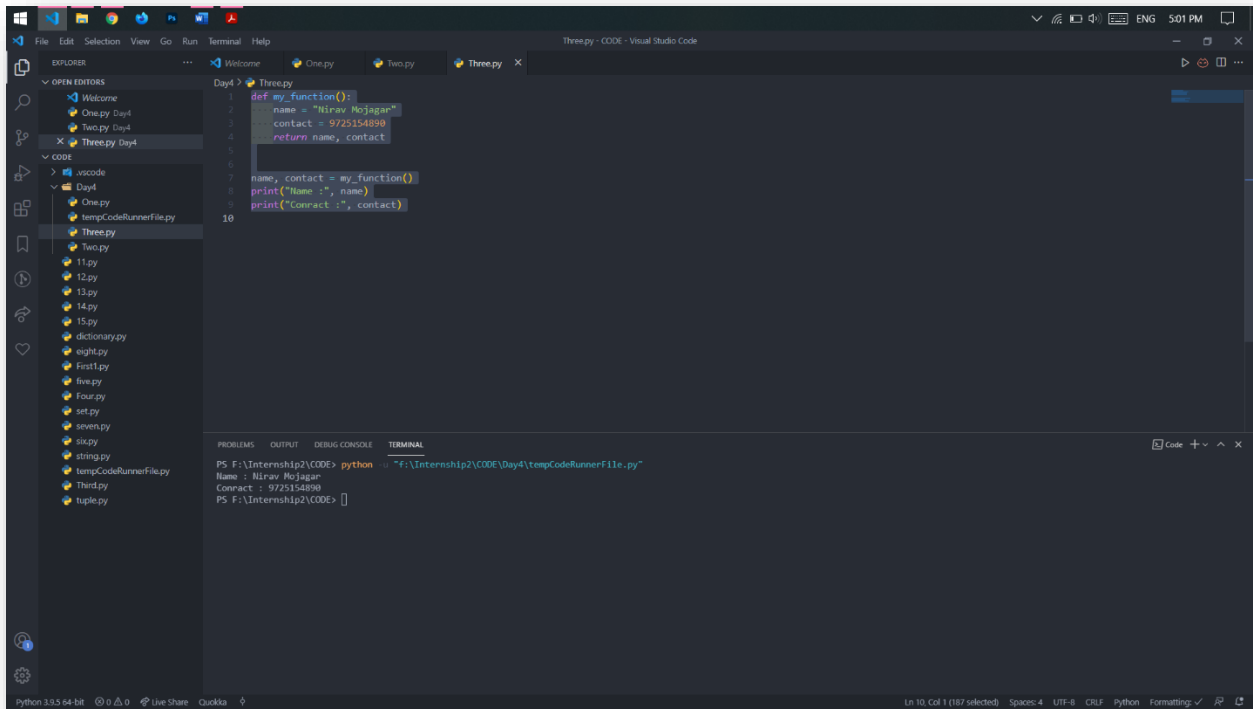


Output: -



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
```

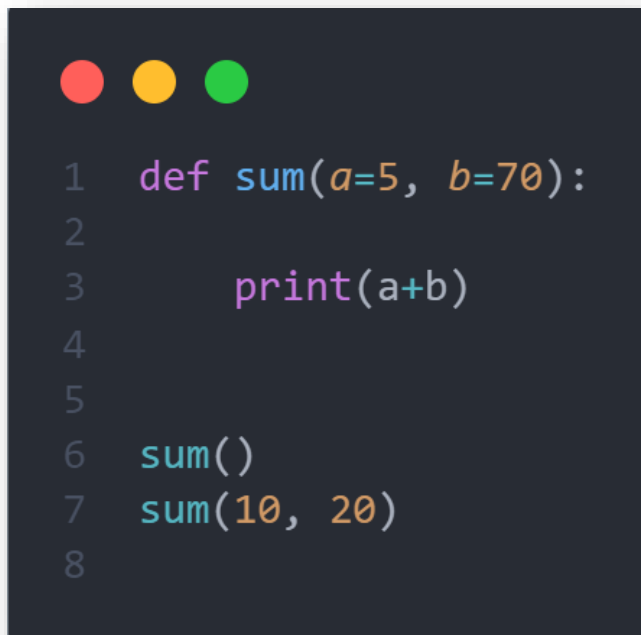
Output: -

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

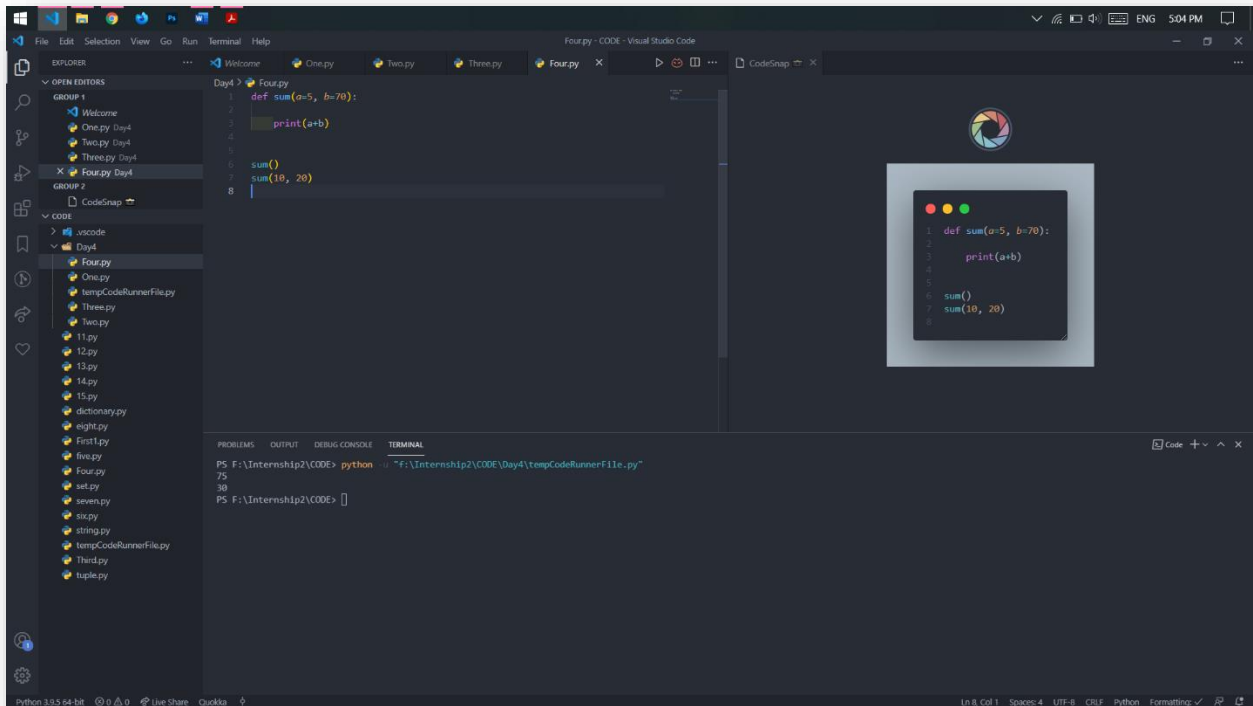
```
1 def my_function():  
2     name = "Nirav Mojagan"  
3     contact = 9725154898  
4     return name, contact  
5  
6  
7 name, contact = my_function()  
8 print("Name :-", name)  
9 print("Contact :-", contact)  
10
```

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

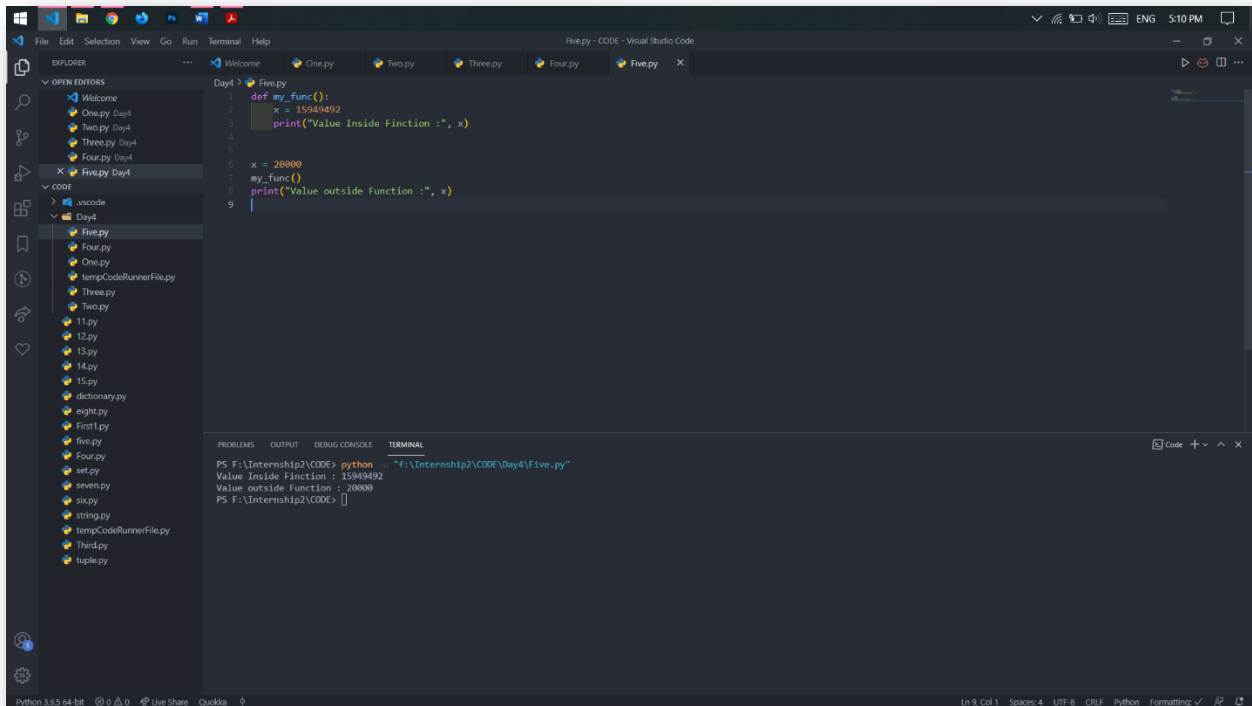
```
PS F:\Internship2\CODE> python .\Three.py  
Name : Nirav Mojagan  
Contact : 9725154898  
PS F:\Internship2\CODE>
```

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 inside and outside the function.

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

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

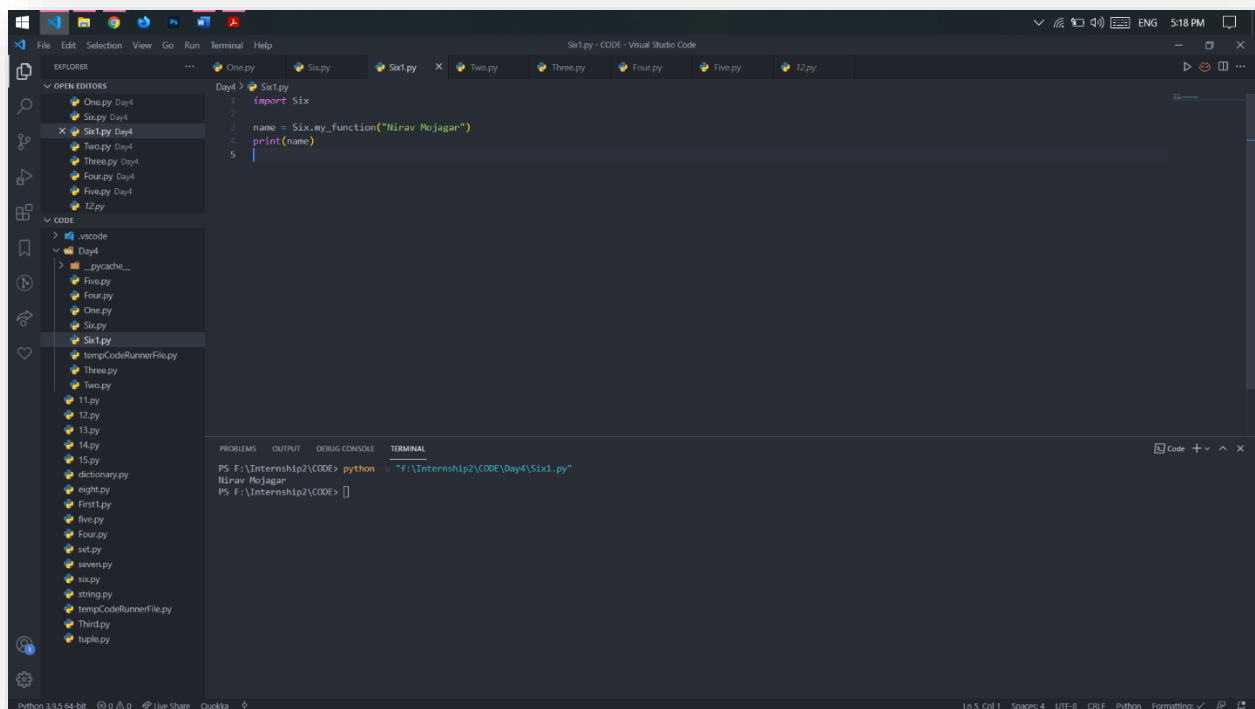
6. Import Statement**Code :-****Six.py**

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

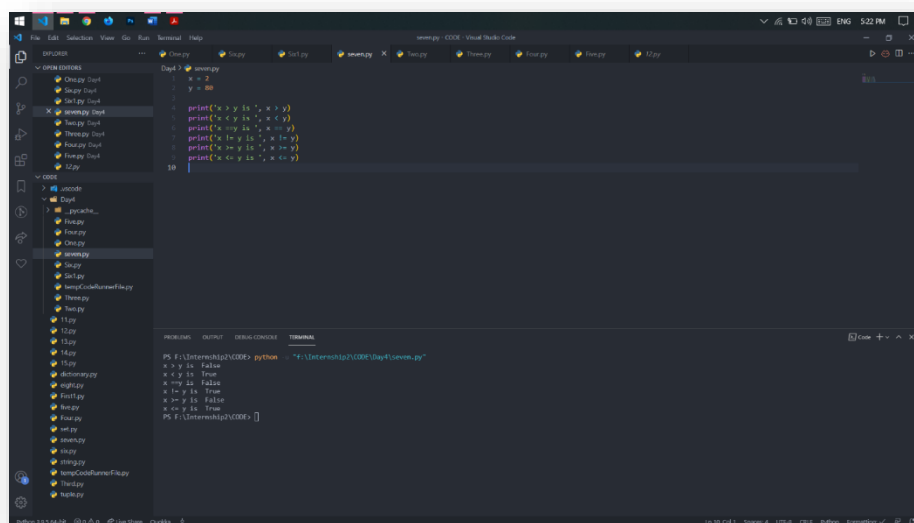
```
1 import Six
2
3 name = Six.my_function("Nirav Mojagar")
4 print(name)
5
```

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 :-



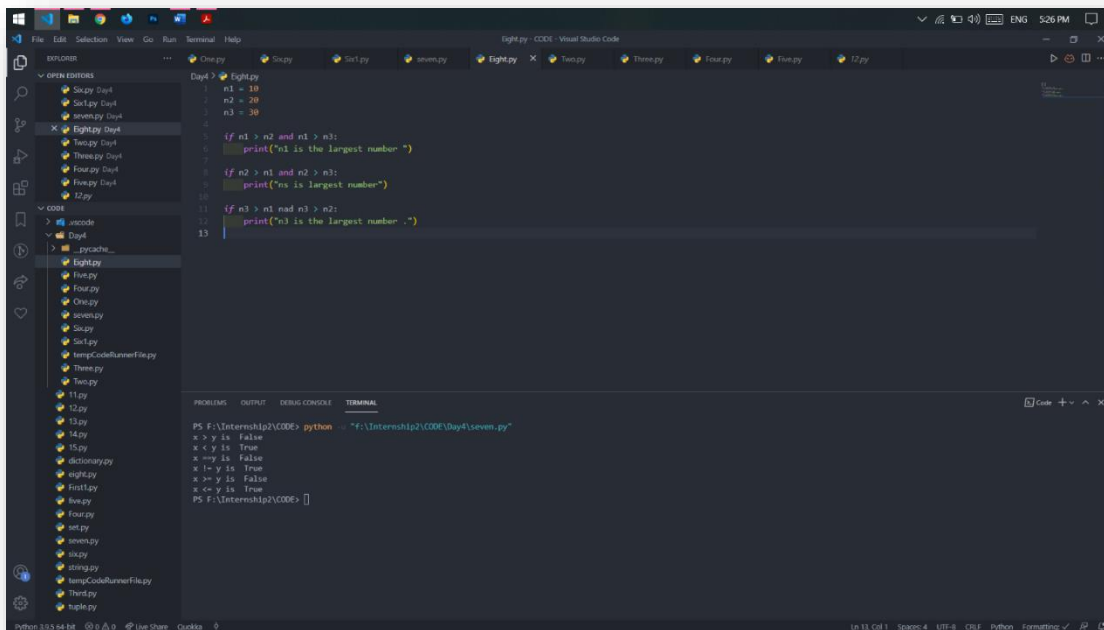
The screenshot shows a Visual Studio Code editor with a Python file named 'Day4.py'. The code in the file is identical to the one shown in the previous block. The terminal at the bottom displays the output of the script, which is:

```
PS C:\Users\user> python "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
```


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 :-



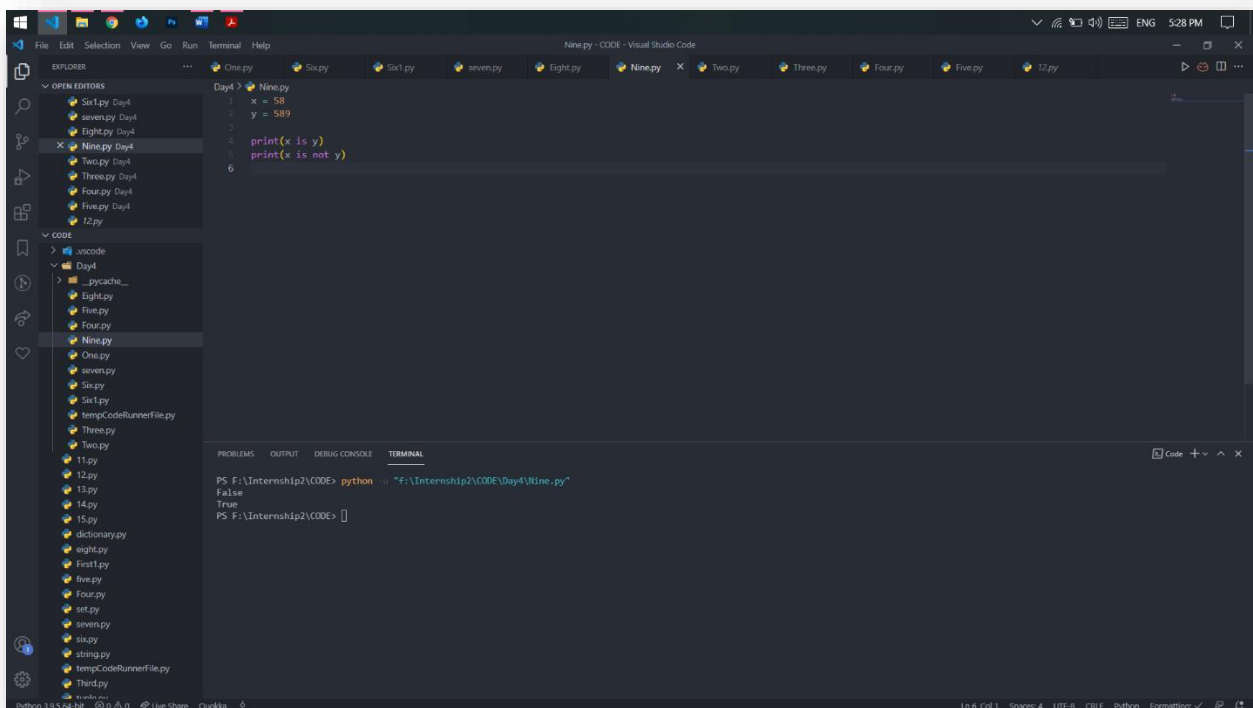
The screenshot shows a Visual Studio Code editor with a Python script open. The script is a simple comparison of three numbers: n1=10, n2=20, and n3=30. It uses if statements to check which number is the largest. The output in the terminal shows the results of these comparisons: n1 is not the largest, n2 is the largest, and n3 is not the largest.

```
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



```
PS F:\Internship2\CODE> python f:\Internship2\CODE\Day4\Nine.py
False
True
PS F:\Internship2\CODE>
```