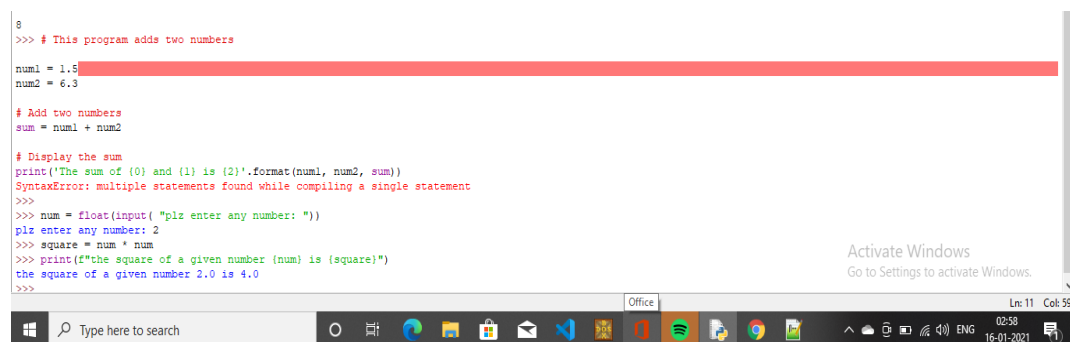


- 1) Write a program to find a square of a number entered by a user?

### **Program 1**

```
num = float(input(" please enter any number: "))
square = num * num
print( " the square of a given number {num} is {square}")
```

### **output**



```
8
>>> # This program adds two numbers
num1 = 1.5
num2 = 6.3

# Add two numbers
sum = num1 + num2

# Display the sum
print('The sum of (0) and (1) is (2)'.format(num1, num2, sum))
SyntaxError: multiple statements found while compiling a single statement
>>>
>>> num = float(input( "plz enter any number: "))
plz enter any number: 2
>>> square = num * num
>>> print(f"the square of a given number {num} is {square}")
the square of a given number 2.0 is 4.0
>>>
```

Please enter any number:2

The square of a given number 2.0 is 4.0

- 2)write a program to return area of a circle using function?

### **Program 2**

```
def findArea(r):
```

```
    pi = 3.142
```

```
    return pi * (r*r);
```

```
num=float(input("enter r value:"))
```

```
print("Area is %.6f" % findArea(num));
```

### **output**

enter r value:5

Area is 78.550000

```
"IDLE Shell 3.9.1 - C:/Users/Anil Joseph/AppData/Local/Programs/Python/Python39/areacir.py (3.9.1)"
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> def findArea(r):
    pi = 3.142
    return pi * (r*r);
num=float(input("enter r value:"))
SyntaxError: invalid syntax
>>> def findArea(r):
    pi = 3.142
    return pi * (r*r);

>>> num=float(input("enter r value:"))
enter r value:5
>>> print("Area is %.6f" % findArea(num));
Area is 78.550000
>>>
```

3)Write a program to find them biggest numbers entered by user ?

### Program 3

```
n1 = float(input("Enter first number: "))
n2 = float(input("Enter second number: "))
n3 = float(input("Enter third number: "))
```

```
if (n1 >= n2) and (n1 >= n3):
    largest = n1
elif (n2 >= n1) and (n2 >= n3):
    largest = n2
else:
    largest = n3
```

```
print("The largest number is", largest)
```

### **output**

```
Enter first number: 10
Enter second number: 15
Enter third number: 25
The largest number is 25.0
```

