

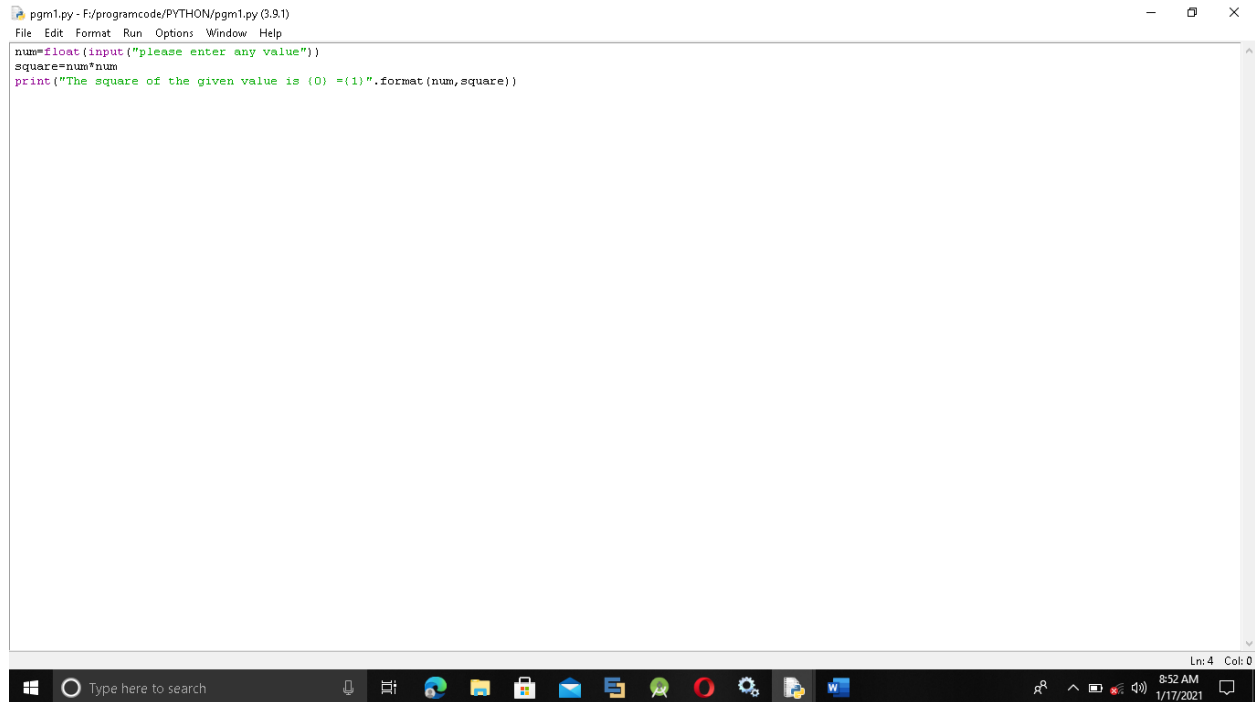
**1)Write a python program to find the square of the number entered by the user?**

**Ans:**

```
num=float(input("please enter any value"))
```

```
square=num*num
```

```
print("The square of the given value is {0} = {1}".format(num,square))
```

A screenshot of a Python IDE window titled 'pgm1.py - F:/programcode/PYTHON/pgm1.py (3.9.1)'. The window contains the following Python code:

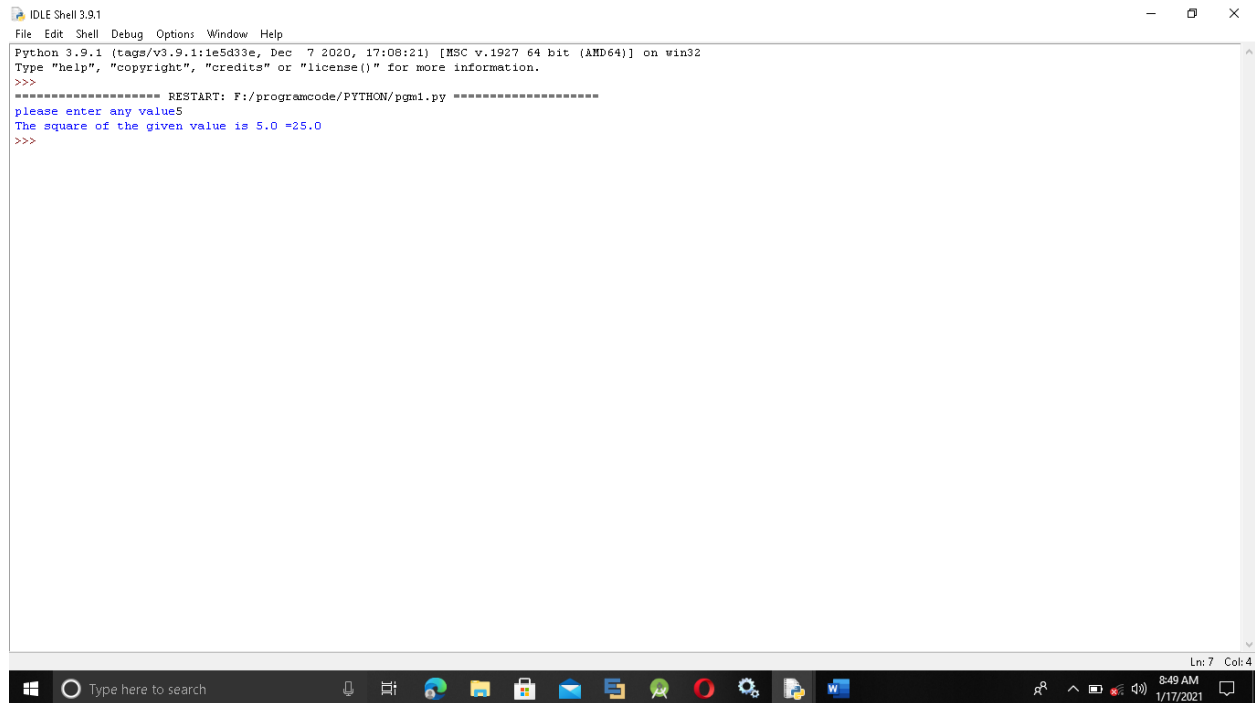
```
num=float(input("please enter any value"))
square=num*num
print("The square of the given value is {0} = {1}".format(num,square))
```

The IDE has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The status bar at the bottom right shows 'Ln: 4 Col: 0'. The Windows taskbar is visible at the bottom of the screen.

## **OUTPUT**

Please enter any value 5

The square of the given value is 5.0 =25.0



```
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.
>>>
===== RESTART: F:/programcode/PYTHON/pgml.py =====
please enter any value5
The square of the given value is 5.0 =25.0
>>>
```

**2)Write a python program to return area of a circle using a function?**

**Ans:**

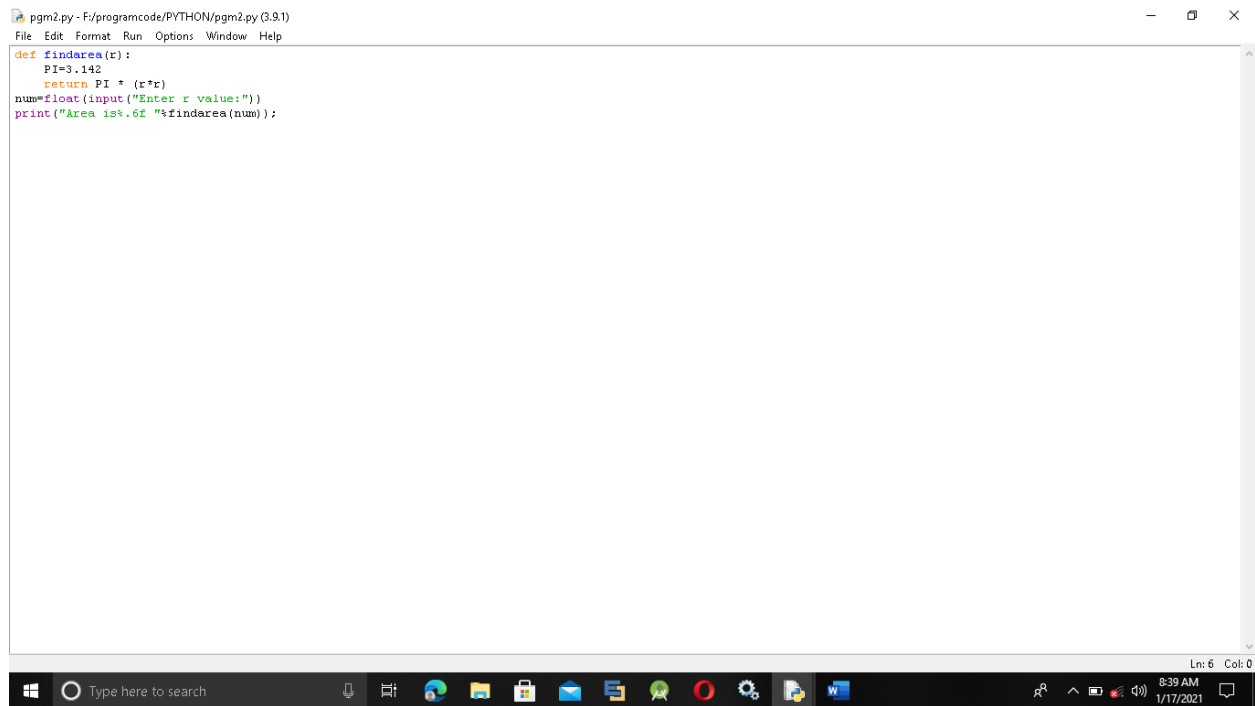
```
def findarea(r):
```

```
    PI=3.142
```

```
    return PI * (r*r)
```

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

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



The image shows a screenshot of a Python IDE window titled "pgm2.py - F:/programcode/PYTHON/pgm2.py (3.9.1)". The menu bar includes File, Edit, Format, Run, Options, Window, and Help. The code editor contains the following Python code:

```
def findarea(r):  
    PI=3.142  
    return PI * (r*r)  
num=float(input("Enter r value:"))  
print("Area is%.6f "%findarea(num));
```

The status bar at the bottom right indicates "Ln: 6 Col: 0". The Windows taskbar is visible at the bottom, showing the search bar and various application icons.

## **OUTPUT**

Enter r value :8.3

Area is216.452380

```
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.
>>>
===== RESTART: F:/programcode/PYTHON/pgm3.py =====
Enter first number: 5
Enter second number: 9
Enter third number: 7
The largest number is 9.0
>>>
===== RESTART: F:/programcode/PYTHON/pgm2.py =====
Enter r Value:8.3
Area is216.452380
>>> |
```

### 3)Write a python program to find the biggest of the 3 numbers entered by the user?

**Ans:** num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

num3 = float(input("Enter third number: "))

if (num1 > num2) and (num1 > num3):

largest = num1

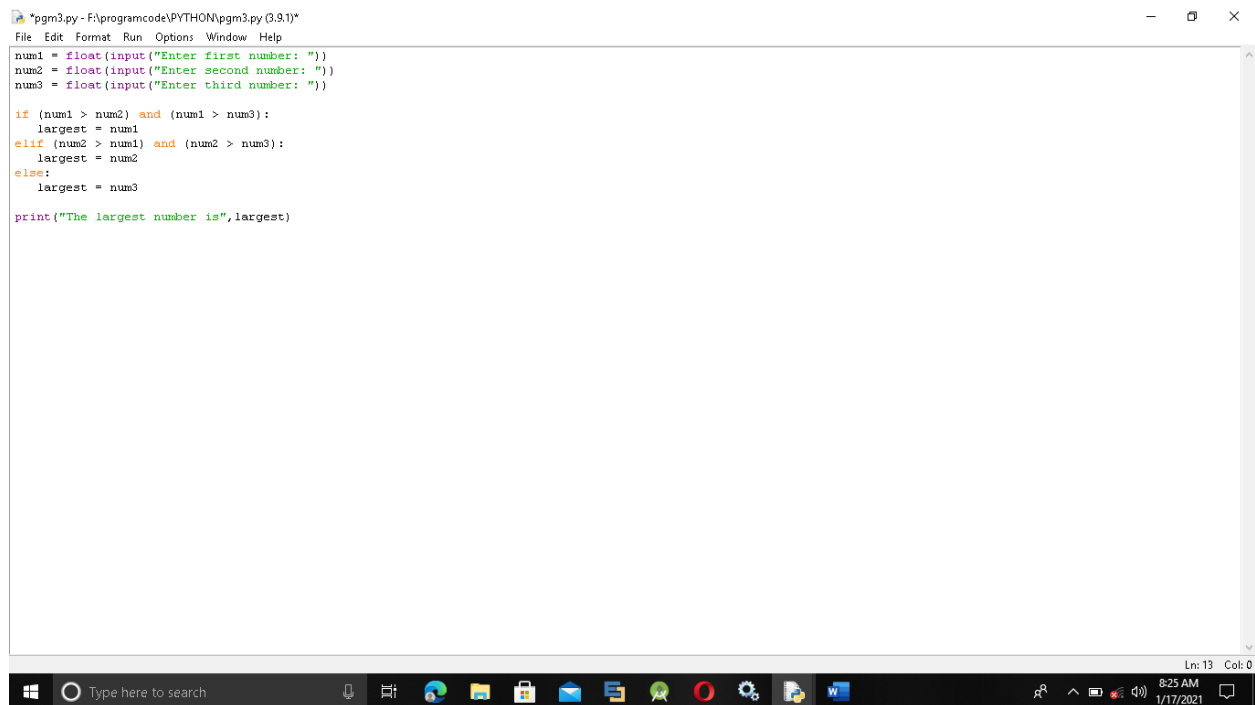
elif (num2 > num1) and (num2 > num3):

largest = num2

else:

largest = num3

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



The screenshot shows a Python IDE window titled "pgm3.py - F:\programcode\PYTHON\pgm3.py (3.9.1)". The code inside the editor is as follows:

```
num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))
num3 = float(input("Enter third number: "))

if (num1 > num2) and (num1 > num3):
    largest = num1
elif (num2 > num1) and (num2 > num3):
    largest = num2
else:
    largest = num3

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

The IDE interface includes a menu bar with "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The status bar at the bottom right indicates "Ln: 13 Col: 0". The Windows taskbar is visible at the bottom of the screen.

## OUTPUT

Enter first number:5

Enter second number:9

Enter third number:7

The largest number is 9.0

```
IDLE Shell 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.
>>>
===== RESTART: F:/programcode/PYTHON/pgm3.py =====
Enter first number: 5
Enter second number: 9
Enter third number: 7
The largest number is 9.0
>>>
```

Ln: 9 Col: 4

Type here to search

8:26 AM 1/17/2021