

1. Write a program to find square of a number entered by the user.

```
def sq():
```

```
    x=int(input("enter a number to find the square: "))
```

```
    x=x*x
```

```
    print("square:{}".format(x))
```

OUTPUT

```
>>> sq()
```

```
enter a number to find the square: 4
```

```
square:16
```

2. Write a program to return area of circle using a function.

```
import math
```

```
>>> def area():
```

```
    x=int(input("Enter a number to find the area of circle "))
```

```
    x=math.pi*(x*x)
```

```
    print("area of circle: {}".format(x))
```

OUTPUT

```
>>> area()
```

```
Enter a number to find the area of circle 5
```

```
area of circle: 78.53981633974483
```

3. Write a program to find the biggest of three numbers entered by the user

```
def big():
```

```
    print("input three numbers:")
```

```
    a=int(input())
```

```
    b=int(input())
```

```
    c=int(input())
```

```
    if(a>b and a>c):
```

```
        print("{} is greater".format(a))
```

```
    elif b>c:
```

```
        print("{} is greater".format(b))
```

```
    else:
```

```
print("{} is greater".format(c))
```

OUTPUT

```
>>> big()
```

```
input three numbers:
```

```
55
```

```
77
```

```
22
```

```
77 is greater
```

OUTPUT SCREENSHOT:



The screenshot shows an IDLE Shell window with the following content:

```
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.
>>> def sq():
    x=int(input("enter a number to find the square: "))
    x=x*x
    print("square:{}".format(x))

>>> sq()
enter a number to find the square: 5
square:25
>>> import math
>>> def area():
    x=int(input("Enter a number to find the area of circle "))
    x=math.pi*(x*x)
    print("area of circle: {}".format(x))

>>> area()
Enter a number to find the area of circle 8
area of circle: 201.06192982974676
>>> def big():
    print("input three numbers:")
    a=int(input())
    b=int(input())
    c=int(input())
    if (a>b and a>c):
        print("{} is greater".format(a))
    elif b>c:
        print("{} is greater".format(b))
    else:
        print("{} is greater".format(c))

>>> big()
input three numbers:
55
88
22
88 is greater
>>> |
```

The window title bar shows "IDLE Shell 3.9.1" and standard window controls. The status bar at the bottom right indicates "Ln: 39 Col: 4".