

Aim:

Write a program to calculate the area of a circle and print the result as shown in the displayed test cases.

Constraints:

- Radius is in between the range **0.0 to 100.0** both are **inclusive**
- Input is in the form of float.

Follow the given instructions and write the code in the space provided.

Note: Take the pi value as **3.14**.

Source Code:

AreaOfCircle.py

```
r=float(input('Enter the radius : '))
if r>=0 and r<=100:
    a=float(3.14*r*r)
    print(f'Area of circle = {a:.6f}')
else:
    print('Enter a positive value upto 100\n')
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter the radius : 0
Area of circle = 0.000000

Test Case - 2
User Output
Enter the radius : -100
Enter a positive value upto 100