

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

```
radius = float(input("Enter the radius : "))
if radius < 0 or radius > 100:
    print("Enter a positive value upto 100")
else:
    area = 3.14*radius*radius
    print(f"Area of circle = {area:.6f}")
```

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