

Experiment – 1

1.1.1 Area of Circle

- Algorithm

STEP 1 : Start

STEP 2 : Input radius

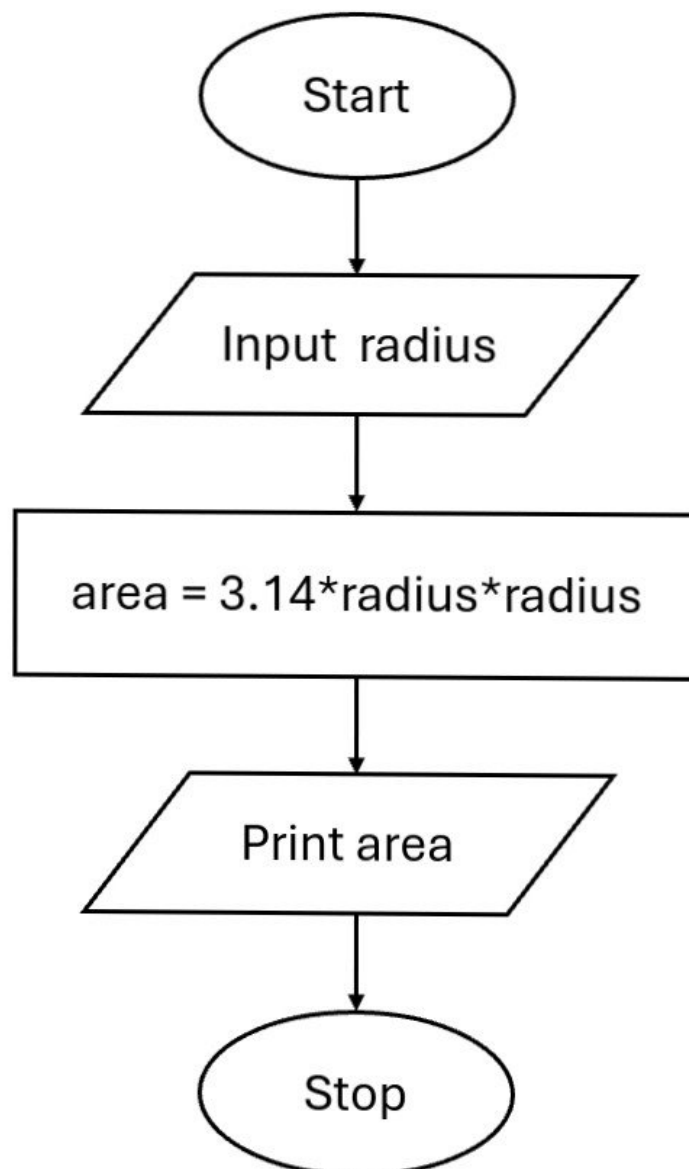
STEP 3 : Calculate

$$\text{area} = 3.14 * \text{radius} * \text{radius}$$

STEP 4 : Print area

STEP 5 : Stop

- Flowchart



1.1.1. Area of Circle

07:46

Write a Python program that calculates the area of a circle when the radius is provided by the user. Use $\pi = 3.14$ and display the area.

Input Format:

- A single line containing a floating-point number representing the radius.

Output Format:

- Print the computed area of the circle formatted to 4 decimal places.

Sample Test Cases

+

File Explorer

circlearea...

```
1 pi=3.14
2 r=float(input())
3 area=pi*r*r
4 print(f"area:.4f")
```

Submit

Average time

0.028 s

28.25 ms

Maximum time

0.062 s

62.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1

62 ms

Debug

Expected output

3.36

35.4493

Actual output

3.36

35.4493

Prev

Reset

Submit

Next