

1.1.1 Area of Circle

- Algorithm

STEP 1 : Start

STEP 2 : Input radius

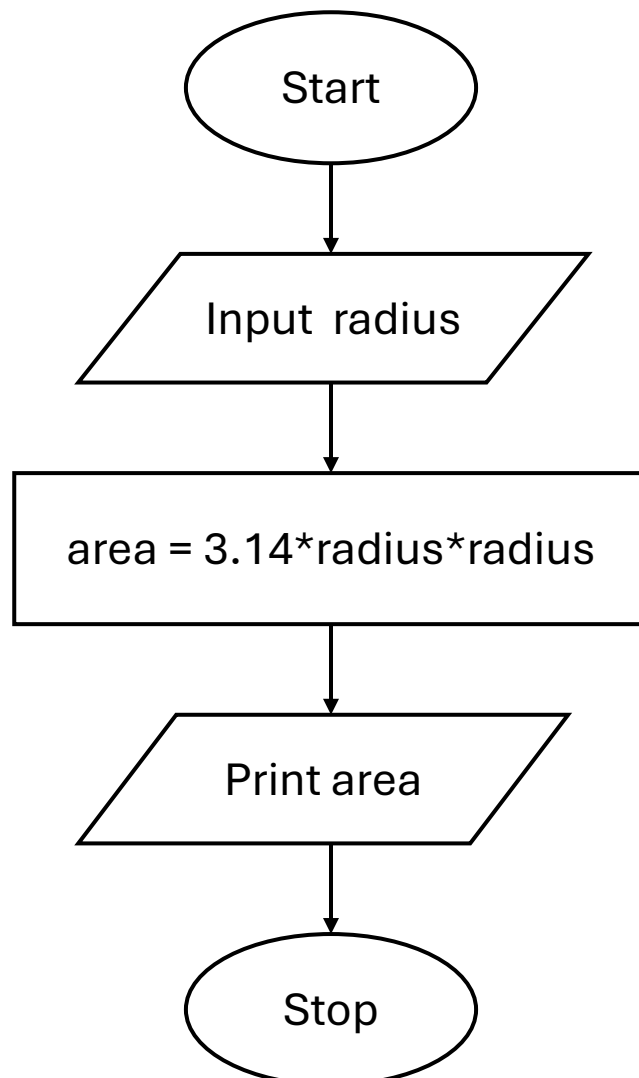
STEP 3 : Calculate

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

STEP 4 : Print area

STEP 5 : Stop

- Flowchart



- Code

```
radius=float(input())
area=3.14*radius*radius
print(f"{area:.4f}")
```

- Execution

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17:52

1.1.1. Area of Circle

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

circlearea...
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```

1 radius=float(input())
2 area=3.14*radius*radius
3 print(f"{area:.4f}")

```

Average time
0.004 s
4.25 ms

Maximum time
0.007 s
7.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1 7 ms

Expected output
3.36
35.4493

Actual output
3.36
35.4493

Test case 2 4 ms

Terminal
Test cases

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