

1.1.1

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.

```
1 r=float(input())
2 a = 3.14 * r * r
3
4 print(f"{a:.4f}")
```

Average time: 0.019 s, Maximum time: 0.028 s

2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed

Test case 1 (16 ms)

Expected output	Actual output
3.36	3.36
35.4493	35.4493

Test case 2 (68 ms)

Terminal | Test cases

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Algorithm

Step 1: Start

Step 2: Read the radius

Step3: Calculate the area: $\text{area} = \pi \times \text{radius} \times \text{radius}$

Step 4: Display the Result

Step 5: End

Flow Chart

