Step 1 -> start

Step 2 -> take input of radius

Step 3 -> calculate area of circle as:

    Area = 3.14*radius*radius

Step 4 -> give output

Step 5 -> stop

1.1.1. Area of Circle

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Write a Python program that calculates the area of a circle when the radius is provided by the user. Use π = 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   −

Test case 1

3.36

35.4493

Test case 2

2

12.5600

circlearea...   ▷ ⊙ Submit

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

Average time	Maximum time
0.007 s	**0.008 s**
6.75 ms	8.00 ms

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

✅ Test case 1 8 ms   🐞 Debug ≡ ⊞ ∧

Expected output	Actual output
3.36	3.36
35.4493	35.4493

✅ Test case 2 7 ms   ∨

⌄ Terminal   ⊞ Test cases

```
start
      │
      ▼
take input as radius
      │
      ▼
calculate area
:- 3.14 * radius * radius
      │
      ▼
give output
      │
      ▼
     end
```