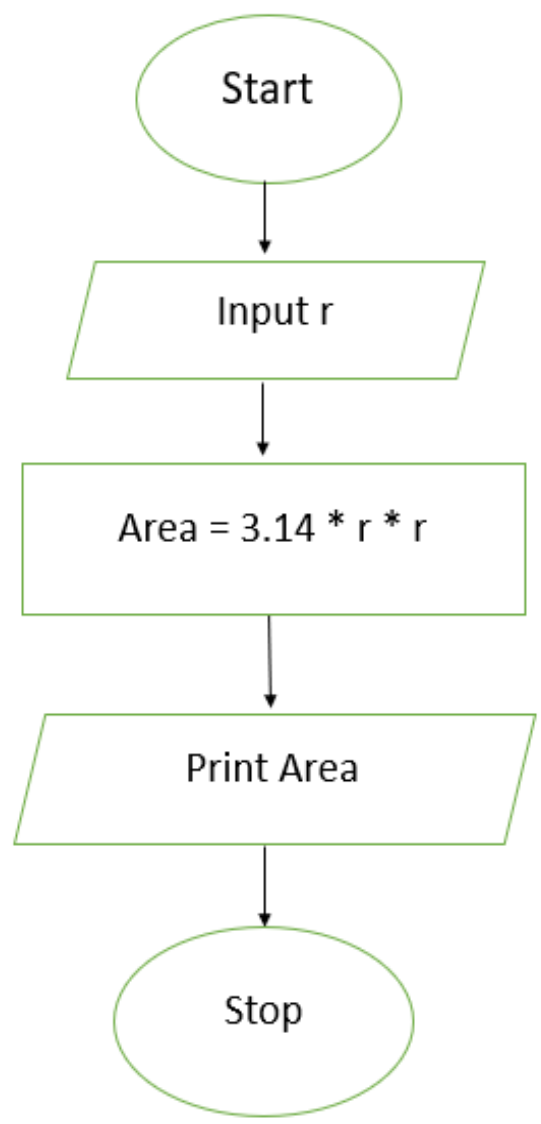
Experiment 1.1.1

Aim:- 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.

Algorithm:-

Step 1: Start
Step 2: Read the radius r
Step 3: Set π = 3.14
Step 4: Calculate the area using the formula
area = π × r × r
Step 5: Display the area up to **4 decimal places**
Step 6: Stop

Flowchart:-



1.1.1. Area of Circle

02:07

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 +

Explorer

circlearea...

Submit

Debugger

```
1 #Write your code here...
2 radius = float(input())
3 area = 3.14 * radius * radius
4 print(f"{area:.4f}")
```

Average time	Maximum time
0.005 s	0.009 s
5.25 ms	9.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1 9 ms

Debug

Expected output	Actual output
3.36	3.36
35.4493	35.4493

Test case 2 4 ms

Terminal Test cases

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