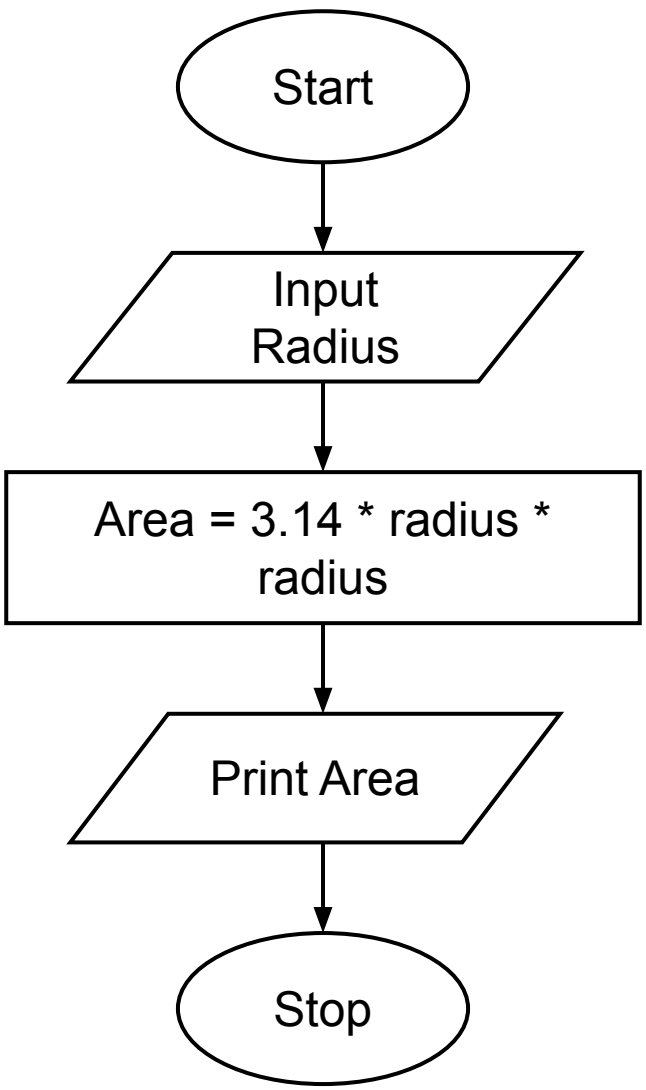
Experiment – 1.1.1

Area of Circle

- Algorithm

STEP 1 : Start
STEP 2 : Input radius
STEP 3 : Calculate area =
3.14*radius*radius
STEP 4 : Print area
STEP 5 : Stop

- Flowchart



- Code

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

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1.1.1. Area of Circle

17:31

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

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

Debugger

Average time
0.003 s
3.00 ms

Maximum time
0.005 s
5.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1 5 ms

Debug

Expected output	Actual output
3.36	3.36
35.4493	35.4493

Test case 2 2 ms

Terminal Test cases