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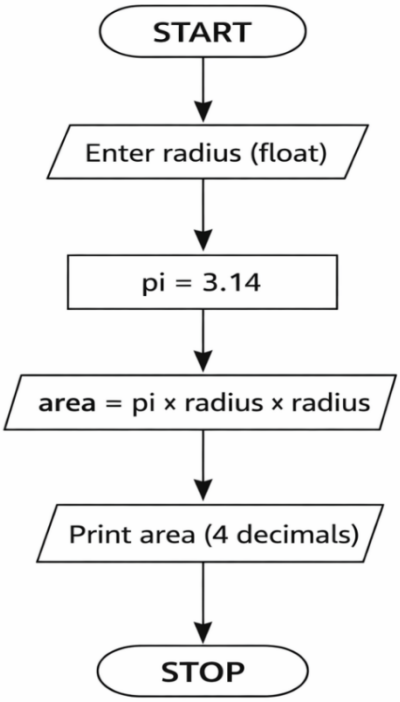
1.1.1 Area of a circle

Algorithm

1. Start
2. Read the radius value from the user.
3. Set the value of π (pi) as 3.14.
4. Calculate area using formula . Area = pi x radius x radius
5. Display the area formatted to 4 decimal places.
6. Stop

Flowchart



Pyton code

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

1.1.1. Area of Circle

02:41

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 radius = float(input())
2 pi = 3.14
3 area = pi * radius * radius
4 print(f"{area:.4f}")
5
6
```

Terminal Test cases