Experiment - 1

Name : Atharva Mendhule PRN : 25070521137

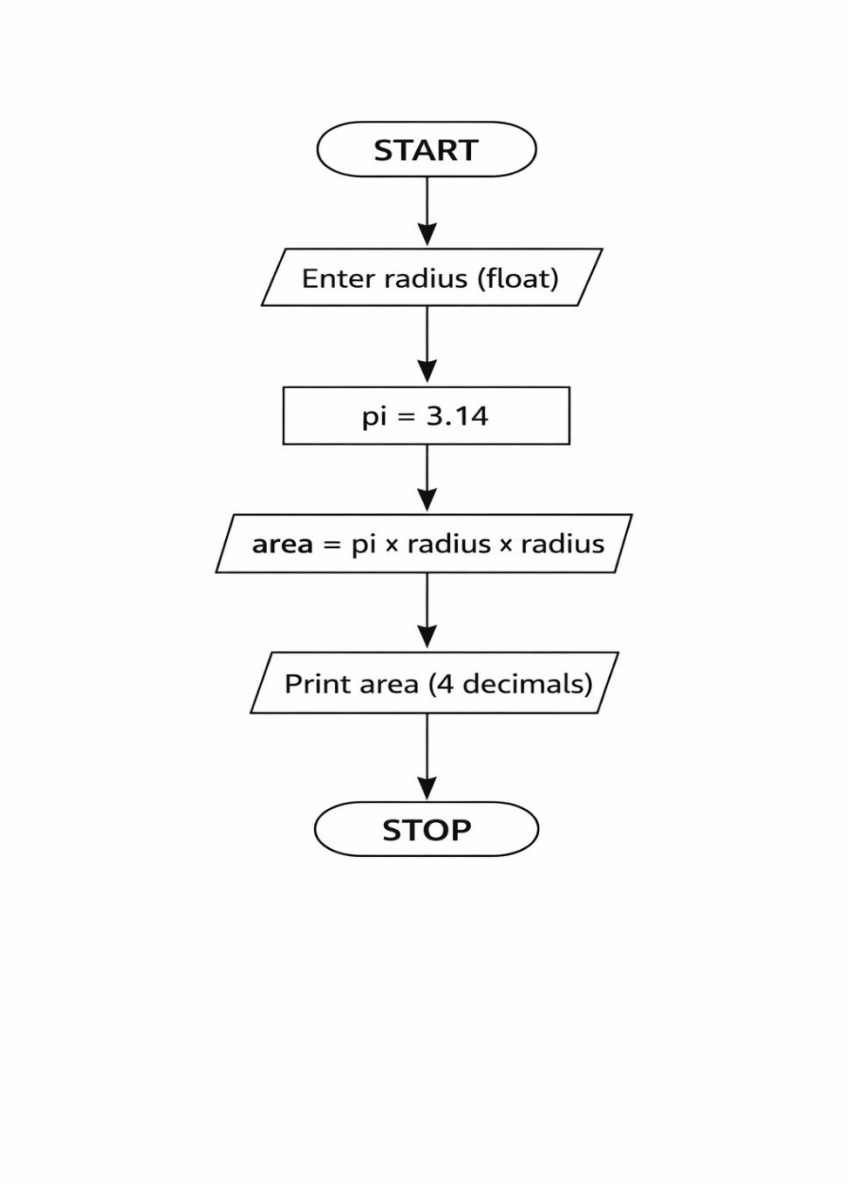
1.1.1 Area of a circle

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

Experiment - 1



Phyton code

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

Execution

Experiment - 1