

Q.2) Program to find Area and Circumference of a Circle.

```
import math
```

```
def area(radius):  
    return math.pi * radius ** 2
```

```
def circumference(radius):  
    return 2 * math.pi * radius
```

```
radius = float(input("Enter the radius of the circle: "))
```

```
Area = area(radius)  
Circumference = circumference(radius)
```

```
print(f"Area of the circle: {Area}")  
print(f"Circumference of the circle: {Circumference}")
```