class Circle:

def \_\_init\_\_(self, radius):

self.radius = radius # Instance variable

def area(self):

# Formula: π \* r²

return math.pi \* (self.radius \*\* 2)

# Create object of Circle class

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

circle1 = Circle(r)

# Call the method

print(f"Area of the circle with radius {r} is: {circle1.area():.2f}")