# Title: Sample Python Script

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# Description: This script demonstrates basic operations in Python.

# Import necessary modules

import math

# Define a function to calculate the area of a circle

def calculate\_circle\_area(radius):

area = math.pi \* radius \*\* 2

return area

# Main code

if \_\_name\_\_ == "\_\_main\_\_":

print("Welcome to the Sample Python Script!")

# Get user input for the radius of a circle

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

# Calculate and display the area of the circle

area = calculate\_circle\_area(radius)

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