**Code:1**

from math import pi

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

print ("The area of the circle with radius " + str(r) + " is: " + str(pi \* r\*\*2))

**Output:**



**Code:2**

filename = input("Input the Filename: ")

f\_extns = filename.split(".")

print ("The extension of the file is : " + repr(f\_extns[-1]))

**Output:**

