1.Write a Python program to create a class .include method to calculate its area and perimeter.A=pi

r2 p=2 pi r

A.import math

class circle:

def\_init\_(self,r):

self.r = r

def calarea(self):

return math.pi\*self.r\*\*2

def cirper(self):

return 2\* math.pi.self.radius

# driver code

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

a = circle(r)

area = a.calarea()

print("Area of the circle:",area)

area = a.calarea

ap = a.cirper()

print("perimeter of the circle:",ap)