Write a menu program in Python to find Area-Circle, Circumference-Circle, Area- Square, Circumference-Square using functions with menu choice Create seperate functions for each choice of menu

import math

def AreaCircle(r):

          return r\*r

def CircumferenceCircle(r):

          return math.pi\*r

def AreaSquare(b,h):

            return b\*h

def CircumferenceSquare(h):

              return 4\*h

loop=1

while(loop):

   print("1.AreaCeircle")

   print("2.circumference of circle")

   print("3.Area of square")

   print("4.circumference of square")

   print("5.exit")

   print("enter your choice")

   c=int(input())

   if(c==1):

      r=float(input("Enter Radius Of Circle: "))

      ac=AreaCircle(r)

      print("Area Of Circle: ",ac)

   elif(c==2):

      r1=float(input("Enter Radius Of Circle: "))

      cc=CircumferenceCircle(r)

      print("Circumference Of Circle is: ",cc)

   elif(c==3):

      b=float(input('Enter Base Of Square: '))

      h=float(input('Enter Height Of Square: '))

      As=AreaSquare(b,h)

      print("Area Of Square Is: ",As)

   elif(c==4):

        h1=float(input("enter hieght"))

        cs=CircumferenceSquare(h)

        print("Circumference Of Square Is: ",cs)

   elif(c==5):

         loop=0

         print("thank you")

   else:

     print("invalid")

