3.Write a program to find Area of a Segment of a Circle Formula using math function.

import math

def segmentarea(r,angle):

areaofsector = pi \* (r \* r) \* (angle / 360)

areaoftriangle = 1 / 2 \*(r \* r) \*math.sin((angle \* pi) / 180)

return areaofsector - areaoftriangle;

r=int(input("enter the radius"))

angle=int(input("enter the angle"))

print("area of minor segment=",segmentarea(r,angle))

print("area of major segment=",segmentarea(r,(360-angle)))