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Area and Circumference of a Circle

1. Write a Python program that calculates the area and circumference of a circle with radius of 5 unit.
2. Create lab2.py source file and use the following partial code.
3. Fix all the FIXMEs
4. **10 Bonus points**: Instead of hardcoding the value of radius to be 5, prompt user to enter the radius and use the entered value to calculate area of circumference of any circle.

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# Lab 2
# Update By: FIXME
# Date: FIXME
# CSCI 110
#
# This program calculates and displays area and circumference of a circle with a radius of 5 unit.
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# Algorithm steps:
#       1. Store radius into a variable
#       2. Calculate area using the formula pi * radius * radius and store the value into a variable
#       3. Calculate circumference using the formula 2 * pi * radius and store the value into a variable
#       4. Display the calculated values of area and circumference
###

pi = 3.14159
radius = 5

area = pi * radius * *2;
# FIX ME – find circumference

# Display the calculated values with proper descriptions
print("Radius of the circle = ",  radius)
# FIX ME – display area
# FIX ME – display circumference

# Verify/Test the program if the calculated values are correct
# Test the program with different values for radius
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Deliverable:
Upload lab2.py Python source file into Lab 2 dropbox folder in D2L before due date.