Meteorology 2270 – Assignment #4
Due: 09/23/2024

Problem: Design a program that calculates the diameter, area, and circumference of a circle from the radius.

Assignment:

Write a program that asks the user to input the radius of a circle in meters. From the radius entered by the user, your program should calculate the diameter, area, and circumference of the circle. The program should output the following values to the screen:

1. original radius entered by the user,
2. diameter,
3. area, and
4. circumference.

It is very important that your output be readable by the user. It should not just be a bunch of numbers on the screen. They should be labeled and include units. For example,

Radius: 3.456 meters

Hand in your assignment by emailing it as an attachment to mteor227@iastate.edu and by submitting a hardcopy version to the instructor.