**Assignment** **5**

Problem: Given the radius of a circle, calculate the area of the circle. Add an Exit button that will close the program. Add a Clear button that will clear out the input and output. Make sure you have comments in your program explaining what you are doing. Also make sure you test your program prior to submitting.

Formula: A = πr²

A screenshot of a cell phone

Description automatically generated

input

radiusInInches

output

AreaOfTheCircle

pseudo code

Get radiusInInches

AreaOfTheCircle = 3.14 \* radiusInInches \* radiusInInches

Display AreaOfTheCircle

Datatypes

AreaOfTheCircle, radiusInInches: Decimal

test case

radiusInInches = 10

AreaOfTheCircle = 314