**Directions:**

# Review the function descriptions listed below.

# Write a single program which implements all of the functions assigned, one function at a time.

# Your program will include the function implementations as well as the main( ) function that reasonably tests each function assigned. Each function implemented should be called at least twice from the main().

# Choose your test values for your function calls thoughtfully. Use the prototypes and values listed.

1. Program can be written w/o requiring user input; use programmer defined input for the listed test cases.
2. Write and test the following function to convert feet to inches. The prototype for this function is:
   1. double feetToInches(double val);
   2. void feetToInches(double& val);
3. Write and test the following function to calculate area. The prototype for this function is:
   1. double computeRectangle(double valA, double valB);
   2. void computerArea (double valA, double valB, double& valC);
4. Write and test the following function to calculate area, perimeter. The prototype for this function is:
   1. void computerArea (double valA, double valB, double& valArea, double& valPerimeter);
5. Write and test the following function that returns the average, sum of the four parameters that are passed to it. The prototype for this function is:
   1. void stats(double valA, double valB, double valC, double valD, double& valE, double& valF);
6. Write and test a function that the calculates area, perimeter of a circle. The function receives one value, radius of type double, and returns the correct values;
   1. void calcAreaPerimeter(double radius, double& area, double$ perimeter);
7. Write and test a function that the calculates area of a rectangle. The function receives two values, length and width and returns the value;
   1. double calcArea(double length, double width);