EEL 2161 Compuer Method homework 5

Problem 1.

Please modify the Problem 2 of test 1 with absolute value header file that we created during the class time. (Why is this needed? Because it is every difficult to declare two float numbers are identical, we can use one of the workaround method - which is if the difference between “a” and “b” is minimal we can assume a=b.)

Problem 2.

Create a header file which will perform the computation of AB  and its accompanying c script.

Conditions: Main part of the script should prompt the user for the value of A and B.

Do not use pow() in C and do not include math.h file in your script!!!

Problem 3.

Create a header file which will make a decision on the size of a shape based on the user input.

When the user is prompted, (s)he would type in a number (Radius of a Circle or Side of a Square) then, “R” for radius and “S” for square.

You need to use C preprocessor conditions to decide whether to perform 3.14 x R2 or SXS.