MAT 373, Homework due Wednesday October 3
Turn in via Blackboard

1) Type in the code provided and test that it compiles and runs. Get used to understanding how the compiler reports syntax errors. If your compiles the first time around, make a fake syntax error so you can see how it is reported, and how you can double click on the reported error to find the line of code that the compiler has refused to accept. Add a line of code to the beginning of the main() which will write your name to cout.

   Take a screenshot of your running program. Include this screenshot as your solution for problem 1.

   For problems 2,3,4,5,6 provide a code listing (of the relevant code) as part of your solution. For problems 2,3,6 provide a screenshot of your running program.

ONLY PART 1 IS DUE ON WEDNESDAY OCTOBER 3.
PARTS 2 ONWARD ARE NOT DUE ON WEDNESDAY OCTOBER 3.

2) Modify main() so that it:
   a. Creates a List of double.
   b. Add the numbers between 0.0 and 5.0 to this list, in steps of 0.5
   c. Print the contents of the List.

3) Modify your solution to part 2, so that you use a loop for step (b) and a loop for step (c).

EXTRA CREDIT

4) Augment the list ADT to include a new method called Reverse() which will reverse the elements in the List (but leave the fence unchanged).

5) Implement the Reverse() method inside the AList class.

6) Extend your program (3) so that between step (b) and (c), you call Reverse() on the List.