

EE 3223 (Fall 2015)

Assignment #5, Due: October 15 by 11:59:59 pm

Submission Procedure: Place your source files in a folder called: <LastNameFirstName>. Zip the file as <LastNameFirstName>.zip. Upload this file to **blackboard** by the due date.

Look at the List code that was developed in lecture 16

(<http://engineering.utsa.edu/~krishnan/teaching/2015/ee3223/code/code20151013.cpp>). Add the following functions:

1. **(2 points)** A function `bool remove_all(int val)` that would remove all occurrences of `val` from the list. The current order of elements in the list need not be preserved.
2. **(4 points)** A function `bool insert(int before, int val)` that would insert 'val' after the value 'before' in the list.
3. **(4 points)** A function `bool remove_ordered(int val)` that would remove 'val' from the list while preserving the current order of elements in the list.