Implement the vector ADT by means of an extendable array (expands dynamically) used in a circular fashion, so that insertions and deletions at the beginning and end run in constant time. Print the circular array before and after each insertion and deletion. Insertions and deletion that are not at the beginning or end will run in O(n) time. Test the vector ADT methods (inserts, deletes, size, isEmpty, etc.)

Do not use the <vector> STL.

Thoroughly test **all** the methods of your vector ADT.

Due February 14th