Homework #2

Unsorted List ADT:

1. The specifications for the **Unsorted List ADT** state that the item to be deleted is in the list and there is only one copy exists.
   a. Rewrite the specification for DeleteItem so that the item to be deleted is not necessary in the list and the list is unchanged if the item is not in the list.
   b. Implement DeleteItem as specified in a. using an array-based implementation.
   c. Rewrite the specification for DeleteItem so that all copies of the item to be deleted are removed if they exist.
   d. Implement DeleteItem as specified in c. using an array-based implementation.

2. Redo exercise 1(b) and 1(d), using a linked implementation.