Testing add(element):

The Alist:{}

Item added: (Amy-1). The Alist:{(Amy-1)}

Item added: (Bob-2). The Alist:{(Amy-1),(Bob-2)}

Item added: (Cal-3). The Alist:{(Amy-1),(Bob-2),(Cal-3)}

Item added: (Dot-4). The Alist:{(Amy-1),(Bob-2),(Cal-3),(Dot-4)}

Testing add(index, element):

Item inserted at index 2: (Eli-5). The Alist:{(Amy-1),(Bob-2),(Eli-5),(Cal-3),(Dot-4)}

Item inserted at index 4: (Fay-6). The Alist:{(Amy-1),(Bob-2),(Eli-5),(Cal-3),(Fay-6),(Dot-4)}

Testing get(index):

There are 6 items in the list:

Item(0): (Amy-1). Item(1): (Bob-2). Item(2): (Eli-5). Item(3): (Cal-3). Item(4): (Fay-6). Item(5): (Dot-4).

Items added: Gil,Hop,Kim,Lee.

The Alist:{(Amy-1),(Bob-2),(Eli-5),(Cal-3),(Fay-6),(Dot-4),(Gil-7),(Hop-8),(Kim-9),(Lee-10)}

There are 10 items in the list,

Testing set(index, element):

Set Item(4) to (Gil-7).The Alist:{(Amy-1),(Bob-2),(Eli-5),(Cal-3),(Gil-7),(Dot-4),(Gil-7),(Hop-8),(Kim-9),(Lee-10)}

Set Item(8) to (Hop-8).The Alist:{(Amy-1),(Bob-2),(Eli-5),(Cal-3),(Gil-7),(Dot-4),(Gil-7),(Hop-8),(Hop-8),(Lee-10)}

Testing contains(element):

The AList contains (Dot-4).

The AList does not contain (Mak-11).

Testing remove(index):

Removed Item(3): (Cal-3). The Alist:{(Amy-1),(Bob-2),(Eli-5),(Gil-7),(Dot-4),(Gil-7),(Hop-8),(Hop-8),(Lee-10)}

Removed Item(5): (Gil-7). The Alist:{(Amy-1),(Bob-2),(Eli-5),(Gil-7),(Dot-4),(Hop-8),(Hop-8),(Lee-10)}

There are 8 items in the list.

Testing remove(element):

Removed item containing (Amy-1). The Alist:{(Bob-2),(Eli-5),(Gil-7),(Dot-4),(Hop-8),(Hop-8),(Lee-10)}

Cannot remove (Mak-11). Not in AList.

Testing indexOf(element):

The first occurrence of (Gil-7) is at index: 2

The AList does not contain (Mak-11).

Removed Item(0): (Bob-2) The Alist:{(Eli-5),(Gil-7),(Dot-4),(Hop-8),(Hop-8),(Lee-10)}

Removed Item(0): (Eli-5) The Alist:{(Gil-7),(Dot-4),(Hop-8),(Hop-8),(Lee-10)}

Removed Item(0): (Gil-7) The Alist:{(Dot-4),(Hop-8),(Hop-8),(Lee-10)}

Removed Item(0): (Dot-4) The Alist:{(Hop-8),(Hop-8),(Lee-10)}

Removed Item(0): (Hop-8) The Alist:{(Hop-8),(Lee-10)}

Removed Item(0): (Hop-8) The Alist:{(Lee-10)}

Removed Item(0): (Lee-10) The Alist:{}

Is the list empty? true