DELETE

Delete ( ):

Description: Here **A** is a linear array with **N** elements. **LOC** is the location from where **ITEM** is to be deleted.

1.	`Set ITEM = A[LOC]`	[Assign the element to be deleted to ITEM]
2.	`Repeat For I = LOC to N`	
3.	`    Set A[I] = A[I+1]`	[Move the Ith element upwards]
	`[End of For Loop]`	
4.	`Set N = N – 1`	[Reset N]
5.	`Exit`	

Explanation: First, the element to be deleted is assigned to `ITEM` from location `A [LOC]`. Then `I` is set to `LOC` from where `ITEM` is to be deleted and it iterated to total number of elements i.e. `N`. During this loop, the elements are moved upwards. And lastly, total number of elements is decreased by `1`.