# Data Structure

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# Deletion operation of an Array

Delete - To delete an element from the selected position.

# Deletion (Algorithm)

Take, Counter variable j

       Array AD[N], Where N is size of an array

       Loc variable to store location of an existing element which is to be deleted

       (Hint: Perform left shifting for an element)

# Deletion (Algorithm-Cont..)

1. Initialize counter variable j with location of an element which is to be deleted

    j=Loc

2. While j<N repeat step 3 & 4
3. Move counter array position one step forwards

    AI[j-1]=AI[j]

4. Increment counter j

    j=j+1

# Deletion (Algorithm-Cont..)

5.  Update the size of an array

    N=N-1

6.  Exit