

Algorithm:

1. Start
2. Input n .
Input $a[10]$
3. Display enter array elements
for ($i=0; i < n; i++$)
input $a[i]$
4. enter the choice 1 for insertion 2 for deletion
5. Switch
case '1': Input pos, ele;
for ($i=n-1; i \geq pos; i--$)
 $a[i+1] = a[i]$
 $a[pos] = ele;$
 $n++$
Display array after insertion
for ($i=0; i < n; i++$)
output $a[i]$
break
case '2': Input pos, ele
 $ele = a[pos];$
for ($i=pos; i < n-1; i++$)
 $n--$
Display array after deletion
for ($i=0; i < n; i++$)
output $a[i]$
break.
default: Display invalid choice
6. Stop.

Flowchart:

