

Algorithm

Step 1: Start

Step 2: Input n

Step 3: Display enter array elements

for($p=0$; $p < n$; $p++$)

input $a[p]$

Step 4: Enter the choice 1 for insertion & 2 for deletion input ch

Step 5: Switch(ch)

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($i=pos$; $i < n-1$; $i++$)

$a[i] = a[i+1]$

$n--$

Display array after deletion

for($i=0$; $i < n$; $i++$)

output $a[i]$

break

default: Display invalid choice

Step 6: Stop.

Flowchart

