

5/6/20

To insert & delete array elements.

Date

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Algorithm:

1. start

2. Input n

3. Display enter array elements.

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

input $a[i]$

4. Enter choice 1 for insertion & 2 for deletion
input ch .

5. switch (ch).

Case 1: Input pos, ele

for ($i=n-1$; $i \geq pos$; $i--$)

$a[pos] = ele$

$n++$

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

6. stop

Flow chart