

C program to insert & delete array elements

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Algorithm-

Step 1: Start

Step 2: Input n

Step 3: Display Enter array elements

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

```
    input a[i]
```

Step 4: Enter the choice 1 for insertion and 2 for deletion

```
    input ch
```

Step 5: switch (ch)

Case 1: Input pos, ele

```
    for (i=n-1; i>=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 -

