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 2 for deletion

Input ch

Step 5: Switch(ch)

Case '1': input pos, ele

for(i=n-1; i>=pos; i--)

a[i++] = 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++]

n--

Display array after deletion

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

output a[i]

break.

default: Display invalid choice

Step 6: Stop

Flow chart