



Auto-saves

1 step finished

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Code, Compile & Run

Info

C/C++

```

1 #include <stdio.h>
2
3 int main()
4 {
5     int n, a[10], i, pos, ele;
6     char ch;
7     printf("Enter the size of the array:\n");
8     scanf("%d", &n);
9     printf("%d", n);
10    printf("Enter the elements of the array:\n");
11    for(i=0; i<n; i++)
12    {
13        scanf("%d", &a[i]);
14        printf("%d", a[i]);
15    }
16    printf("The array elements are:\n");
17    for(i=0; i<n; i++)
18    {
19        printf("%d", a[i]);
20    }
21    printf("Enter choice: 1 for insertion 2 for deletion\n");
22    scanf("%d", &ch);
23    printf("%c", ch);
24    switch(ch)
25    {
26        case 1: printf("Enter the position where new element is inserted:\n");
27                scanf("%d", &pos);
28                printf("%d", pos);

```

EOF

Open File

✓ Caching total

Run

Custom Input

124

Status Successfully executed Date: 2020-08-03 15:41:16 Time: 0 sec Mem: 0.424 kb

Input

124

Output

Enter the size of the array:

124

Enter the elements of the array:

```

1 0 1072524029 22040 0 0 0 0 1072523882 22040 1072523848 22040 0 0 107
2 0 1072524029 22040 0 0 0 0 1072523882 22040 1072523848 22040 0 0 107
3 for insertion 2 for deletion

```

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C program to insert and delete array elements.

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4/06/2020

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 choice 1 for insertion and 0 for deletion

Step 5: switch (ch)

Case 1: Input posible.

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

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

$a[\text{pos}] = \text{ele}$

$n++$

Display array after insertion

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

output $a[i]$

break

Case 2: Input posible

$\text{ele} = a[\text{pos}]$

for ($i=\text{pos}$; $i < n$; $i++$)

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

$n--$

Display array after deletion

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

output $a[i]$

break

default: Display invalid choice

Step 6: stop

flowchart

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4/01/2020

