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Country: India

State: Karnataka

City: India

Student/Professional: Student

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InstitutionCamScann Alvas Institute of Engineering and Technology Karnataka, India

```
30
40
50
1
2
60
```

```
Enter the size of array

5
Enter the elements of array
10 20 30 40 50
The array elements are
10 20 30 40 50
Enter the choice
```

```
20
30
40
50
1
2
```

```
Enter the choice
1 for insertion 2 for deletion
1
Enter the postion where new element is inserted
2
Enter the element to be inserted
60
```

```
20
30
40
50
1
2
```

Output

```
Enter the postion where new element is inserted

Enter the element to be inserted

Enter the element to be inserted

The array after insertion

10 20 60 30 40 50
```

Duntime Error

```
5
10
20
30
40
50
```

```
Enter the size of array

5
Enter the elements of array
10 20 30 40 50
The array elements are
10 20 30 40 50
Enter the choice
```

```
5
10
20
30
40
50
```

```
Enter the choice
1 for insertion 2 for deletion
2
Enter the position where element is deleted
2
Enter the element to be deleted
```

5 10 20 30 40 50

```
Enter the position where element is deleted

Enter the element to be deleted

40

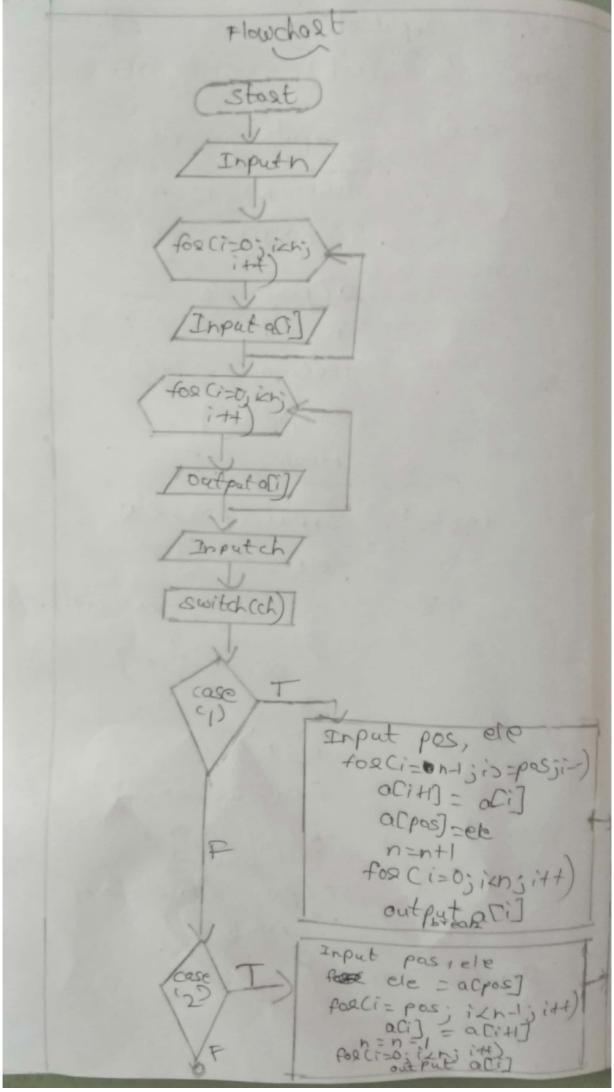
The array after deletion of element
10 20 40 50
```

insegtion and Deletion of assay - makgord # include «stdio.h) void main () ¿ int n, acio], in passele chas ch; paintf (" Enter the size of assay h") scorf (". 1.d/n "&n): printf (".1.dln", n); paintf C" Enter the elements of array In 1). forci=0; ich; itt) & scart (". Id! fali]); printf (" In the assay elements are in"). for (i=0; ixn; i+t) 2 paintf (". 1.d(t', aci]); Printf C" Enter the choice in I painception It 2 fox deletion(n"): scanf (".1.c", gch);

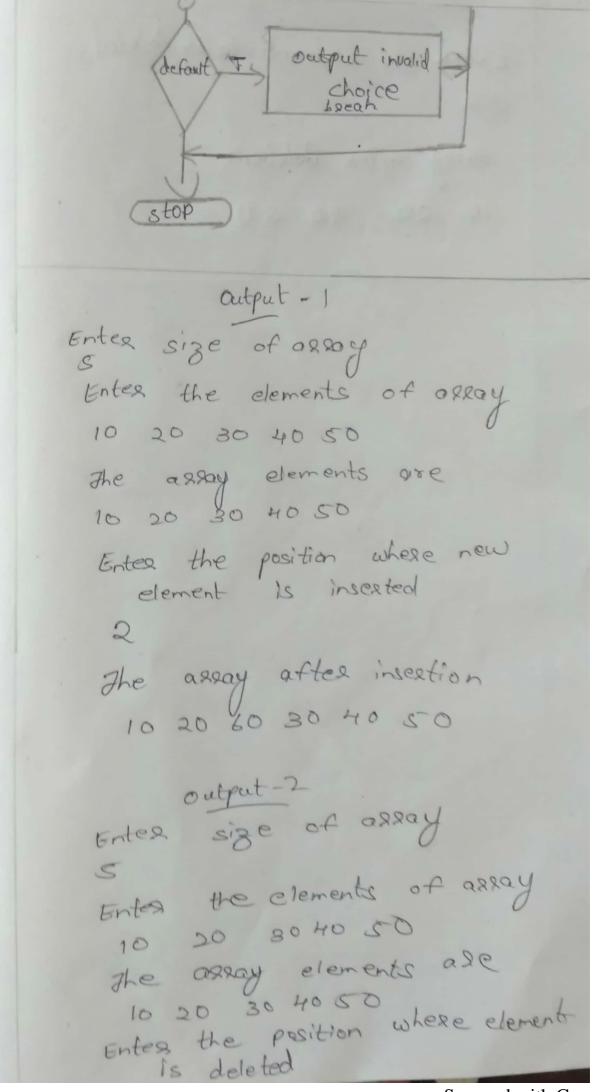
switch(ch) case 1: printf (" Enter the position where new element is inserted (n') scanf (".1-d", 8pos). printf (" Enter the dement to be insexted (n"); scanf ("Id", gere); fox (i=n-1; i)=pas; i-) 2 aciti] = acij; alpost = ele; printf(The array after insertioning) for (i=0; ixn; i++) printf (". 1 d(t", aDi]). beeak; case (2): printf(" Inter the position where element is deleted (n"). scarf (".1.d", & pas) printf (" Enter clement tobe deted (n");

ele - alpost; for Cispos ; ixn-1; itt) d acij = aci+1]; printf (" The assay after deletion of element In"); for Ci=o; i<n; i+1) 2 paintf("-1d(t", afi]); back; default: printf ("Invalid choice"); break; Stepl- stoat Step? - Input no step3 - fox (i=0; izn; i+t) Input ali] Step4 - foo Ci=0; iznjift) output ali]

steps - Input ch Steps - switchech) casel: Input possele fox (= h-1; i >= pos; i--) OCity = aci) acpos] = ele n=n+1fooci=o; izh; i++) output ali) break; case(2): Input pos, ele ele = acpos fox Cipos; ixx-1; itt) 2 aci) =aci+17 n=n-1 for (=0) izrjitt) output ali] default: output invalid choice break Step 7 - Stop



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