DELETE ARRAY IN MIDDLE

ALGORITHM:

STEP 1: Start the program.

STEP 2: Print enter the number of an array using scanf%d and n.

STEP 3: Print %d element

STEP 4: And using for loop and print where do you wish to delete the element

STEP 5: And again we use for loop and print resultsnt array and finally return 0

COMMANDS:

printf("Enter number of elements in array\n");

scanf("%d", &n);\\ input the element of an array.

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

scanf("%d", &array[c]);\\ it is for loop to start and end and increment value

if (position >= n+1)

printf("Deletion not possible.\n");

else\\ if they are two condition true or false

PROGRAM:

#include <stdio.h>

int main()

{

int array[100], position, c, n;

printf("Enter number of elements in array\n");

scanf("%d", &n);

printf("Enter %d elements\n", n);

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

scanf("%d", &array[c]);

printf("Enter the location where you wish to delete element\n");

scanf("%d", &position);

if (position >= n+1)

printf("Deletion not possible.\n");

else

{

for (c = position - 1; c < n - 1; c++)

array[c] = array[c+1];

printf("Resultant array:\n");

for (c = 0; c < n - 1; c++)

printf("%d\n", array[c]);

}

return 0;

}

OUTPUT:

Enter number of elements in array

5

Enter 5 elements

2

3

5

6

7

Enter the location where you wish to delete element

5

Resultant array:

2

3

5

6