#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;  
}

Insertion:

#include <stdio.h>

int main()

{

int n;

scanf(“%d”,&n);

int arr[n];

int i;

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

{

scanf(“%d”,&arr[i]);

}

int pos;

scanf(“%d”,&pos);

int ele;

scanf(“%d”,&ele);

if(pos > n)

printf(“Invalid Input”);

else

{

for (i = n – 1; i >= pos – 1; i–)

arr[i+1] = arr[i];

arr[pos-1] = ele;

printf(“Array after insertion is:\n”);

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

printf(“%d\n”, arr[i]);

}

return 0;

}

Deletion:

#include <stdio.h>

int main()

{

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

printf(“Enter the number of elements of the array : “);

scanf(“%d”, &n);

printf(“\nInput the array elements : “);

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

scanf(“%d”, &array[c]);

printf(“\nEnter the position : “);

scanf(“%d”, &position);

if (position >= n+1)

printf(“\nDeletion not possible.\n”);

else

{

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

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

printf(“\nArray after deletion : “);

for (c = 0; c < n – 1; c++)

printf(“%d\n”, array[c]);

}