1. Write the program for deleting an element from the beginning and from any position.

Ans.
```
#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;
}
```

2. Write the program for printing the array after rotating it k times towards left, where k would be taken as user input.

Ans.
```
#include <stdio.h>
#define SIZE 10

void printArray(int arr[]);
void rotateByOne(int arr[]);


int main()
{
    int i, N;
    int arr[SIZE];

    printf("Enter 10 elements array: ");
    for(i=0; i<SIZE; i++)
    {
        scanf("%d", &arr[i]);
    }
    printf("Enter number of times to left rotate: ");
    scanf("%d", &N);


    N = N % SIZE;
```

```
    printf("Array before rotationn");
    printArray(arr);


    for(i=1; i<=N; i++)
    {
        rotateByOne(arr);
    }


    printf("\n\nArray after rotation\n");
    printArray(arr);

    return 0;
}


void rotateByOne(int arr[])
{
    int i, first;


    first = arr[0];

    for(i=0; i<SIZE-1; i++)
    {

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


    arr[SIZE-1] = first;
}
void printArray(int arr[])
{
    int i;

    for(i=0; i<SIZE; i++)
    {
        printf("%d ", arr[i]);
    }
}
```