Q) Program for deleting an element from the beginning and from any position.

```
#include<stdio.h>
int main()
  {
    int array[100], pos, c, n;
    printf("Enter size of array\n");
    scanf("%d", &n);
    printf("Enter %d elements\n", n);

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

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

    printf("Enter location to delete element\n");
    scanf("%d", &pos);

    if(pos >= n+1)
        printf("Deletion not possible!\n");
    else
    {
        for(c=pos-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;
}
```

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

```
#include <stdio.h>
void main()
{
    int A[10], n, i, r;
    printf("Enter array size\n");
    scanf("%d", &n);
    printf("Enter %d elements\n", n);
    for(i=0; i<n; i++)
        scanf("%d", &A[i]);
    printf("Enter the no: of times you want
        to rotate it left\n");
    scanf("%d", &r);
    leftRotate(A, r, n);
    for(i=0; i<n; i++)
        printf("%d", A[i]);
}
```

```
void leftRotate(int A[], int r, int n)
{
    int j;
    for (int i = 0; i < r; i++)
    {
        int temp = A[0];
        for (j = 0; j < n-1; j++)
            A[j] = A[j+1];
        A[j] = temp;
    }
}
```