**Question 1**

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

**a.) Deletion at the beginning**

#include<iostream>

using namespace std;

int main()

{

cout<<"Enter the size of the array: ";

int n; cin>>n;

int a[n];

cout<<"Enter the array elements: ";

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

cin>>a[i];

for(int i=0; i<n-1; i++)

a[i]=a[i+1];

n--;

cout<<"Array after deletion-"<<endl;

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

cout<<a[i]<<" ";

}

**b.) Deletion at any position**

#include<iostream>

using namespace std;

int main()

{

cout<<"Enter the size of the array: ";

int n; cin>>n;

int a[n];

cout<<"Enter the array elements: ";

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

cin>>a[i];

cout<<"Enter the position to be deleted from: ";

int k; cin>>k;

for(int i=k-1; i<n-1; i++)

a[i]=a[i+1];

n--;

cout<<"Array after deletion-"<<endl;

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

cout<<a[i]<<" ";

}

**Question 2**

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

#include<iostream>

using namespace std;

int main()

{

cout<<"Enter the size of the array: ";

int n; cin>>n;

int a[n];

cout<<"Enter the array elements: ";

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

cin>>a[i];

cout<<"Enter the no. of rotations: ";

int k; cin>>k;

int tmep=k;

if(k>=n)

k %= n;

int temp[k];

for(int i=0; i<k; i++)

temp[i]=a[i];

for(int i=0; i<n-k; i++)

a[i]=a[i+k];

int j=0;

for(int i=n-k; i<n; i++)

{

a[i]=temp[j];

j++;

}

cout<<"Array after "<<tmep<<" rotations-"<<endl;

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

cout<<a[i]<<" ";

}