Question 1

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

Ans).

Deletion from beginning

int arr[5];

int n=5;

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

scanf(“%d”,&arr[i]);

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

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

n--;

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

printf(“%d”,arr[i]);

Deletion from pos 3 or index 2(k=2)

int arr[5];

int n=5;

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

scanf(“%d”,&arr[i]);

for(int i=2;i<n-1;i++)

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

n--;

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

printf(“%d”,arr[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.

Ans).

int k,first;

scanf(“%d”,&k);

int a[5];

for(int i=0;i<5;i++)

scanf(“%d”,&a[i]);

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

{

first=arr[0];

for(int j=0;j<5;j++)

{

a[j]=a[j+1];

if(j==5-1)

a[j]=first;

}

}