ASSIGNMENT 3

**Question 1**

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

Ans:

1. From Beginning:

#include<stdio.h>

int main()

{

int n=5;

int arr[]={2,4,6,15,8};

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

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

n--;

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

printf(“%d”,arr[i]);

return 0;

}

1. From any position:

#include<stdio.h>

int main()

{

int n=5;

int pos;

int arr[]={2,4,6,15,8};

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

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

n--;

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

printf(“%d”,arr[i]);

return 0;

}

**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:

#include<stdio.h>

int main()

{

int arr[] = {1,5,3,6,8,2,7}, k, i;

printf(“Enter the K value: ”);

scanf(“%d”,&k);

for(i=(k%7);i<7;i++)

printf(“%d”,arr[i]);

for(i=0;i<(k%7);i++)

printf(“%d”,arr[i]);

return 0;

}