***DAY 2 ASSIGNMENT***

***Question 1 :***

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

***Question 2 :***

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

***ANSWER:***

***a)*** ***#include <stdio.h>***

***void display(int a[],int n);***

***void delbeg(int a[], int n);***

***void delanypos(int a[],int n,int x);***

***int main()***

***{***

***int arr[] = {9, 5, 8, 0, 2}, i;***

***display(arr,5);***

***delbeg(arr,5);***

***delanypos(arr,5,3);***

***return 0;***

***}***

***void delbeg(int a[], int n){***

***int i;***

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

***{***

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

***}***

***n--;***

***}***

***void delanypos(int a[],int n,int x){***

***int i;***

***for(i=x;i<n;i++){***

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

***}***

***n--;***

***printf(“The array after deletion of element from any position : ”);***

***for(i=0;i<n;i++){***

***printf("|%d|" ,a[i]);***

***}***

***}***

***void display(int a[], int n){***

***int i;***

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

***{***

***printf("|%d|", a[i]);***

***}***

***}***

***b) a)*** ***#include <stdio.h>***

***void display(int a[],int n);***

***void arrotate(int a[],int k);***

***int main()***

***{***

***int arr[] = {9, 5, 8, 0, 2}, i;***

***display(arr,5);***

***arrotate(arr,5,3);***

***display(arr,5);***

***return 0;***

***}***

***void arrotate(int a[],int n, int k){***

***int i,j,temp;***

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

***{***

***a[0]=temp;***

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

***{***

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

***}***

***a[n-1]=temp;***

***}***

***}***

***void display(int a[], int n){***

***int i;***

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

***{***

***printf("|%d|", a[i]);***

***}***

***}***