**ASSIGNMENT DAY 2**

**Done By:**

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

#include<iostream>

using namespace std;

int main()

{

int a[10],pos;

cout<<”Enter the array elements: “<<endl;

for(int i=0;i<10;i++)

{

cin>>a[i];

}

cout<<”Enter position of element to be deleted”<<endl;

cin>>pos;

if(pos>10)

{

cout<<”This value is out of range”;

}

else

{

--pos;

for(int i=pos;i<=9;i++)

{

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

}

cout<<”New data in array: “;

for(int i=0;i<9;i++)

{

cout<<a[i];

}

}

return 0;

}

1. **Write a 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;

void leftRotate(int arr[],int n,int k)

{

Int mod=k%n;

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

{

cout<<(arr[(mod+i)%n])<<“ ”;

cout<<endl;

}

int main()

{

int arr[10];

int k;

cout<<”Enter the array elements: “<<endl;

for(int i=0;i<10;i++)

{

cin>>arr[i];

}

int n=sizeof(arr)/sizeof(arr[0];

cout<<”Enter required number of rotations:”<<endl;

cin>>k;

leftRotate(arr,n,k);

return 0;

}