

## Assignment-2

1. Program for deleting an element from the beginning & from any position

Ans. #include <stdio.h>  
void main()  
{  
int a[100], pos, p, n;  
scanf("%d", &n);  
for(i=0; i<n; i++)  
scanf("%d", &a[i]);  
printf("Enter the loc for deleting element");  
scanf("%d", &pos);  
if (pos >= n+1)  
printf("Not possible");



```

else
{
for (i = pos - 1; i < n-1; i++)
a[i] = a[i+1];
printf("R array: ");
for (i = 0; i < n-1; i++)
printf("%d\t", a[i]);
return 0;
}

```

2. Write the program for printing the array after rotating it k times clockwise. left rotate & would be like as user input.

```

#include <stdio.h>
void rotate()
{
int a[10], n, i, m;
scanf("%d", &n);
printf("Enter elements");
for (i = 0; i < n; i++)
scanf("%d", &a[i]);
printf("Enter the no. of times u want to rotate");
scanf("%d", &m);
leftRotate(a, n, m);
for (i = 0; i < n; i++)
printf("%d\t", a[i]);
}

```

```

void leftRotate(int A[], int n, int k)
{
int j;
for (int i = 0; i < n; i++)
{
int temp = A[i];
A[i] = A[i+1];
A[i+1] = temp;
}
}

```