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

```
#include<stdio.h>
int main()
{
int array[100], pos, c, n;
printf("enter size of array");
scanf("%d", &n);
printf("enter %d element \n", n);
for (c=0; c<n; c++
scanf("%d", &array[c]);
printf("enter location to delete element \n");
scanf("%d", &pos);
if (pos>=n+1)
printf("deletion not possible ! \n");
else {
for (c = pos-1; c<n-1; c++)
array[c] = array[c+1];
printf("Resultant array : \n");
for (c=0; c<n-1; c++)
printf("%d \n", array[c]);
}
return 0;
}
```

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

Ans:
```
#include<stdio.h>
void main()
{
int A[10], n, i, r;
printf ("enter array size \n");
scanf ("%d", &n);
printf ("enter %d elements \n", n);
for(i=0; i<n; i++)
scanf ("%d", &A[i]);
printf("enter the no. of times you want to
rotate it left \n");
scanf ("%d", &r);
leftrotate (A, r, n);
for (i=0; i<n; i++)
```

```
printf("%d",A[i]);
}void leftRotate(int A[], int r, int n)
{
int j;
for(int i=0; i<r; i++)
{
int temp = A[0];
for(j=0;j<n-1;j++)
A[j] = A[j+1];
A[j] = temp;
}
}
```