**package** Arrays;

**import** java.util.Scanner;

**public** **class** Rotations {

**public** **static** **void** main(String[] args) {

Scanner sc=**new** Scanner(System.***in***);

// Left rotations

**int** arr[]=**new** **int**[]{10,20,30,40,50,60,70,80,90,100};

System.***out***.println("beffor rotation");

**for**(**int** q:arr)

System.***out***.print(q+" ");

System.***out***.println();

System.***out***.println("after rotation");

**int** r=4;

**int** x,y;

**for**(y=1;y<4;y++)

{

**int** temp=arr[0];

**for**(x=0;x<arr.length-1;x++)

{

arr[x]=arr[x+1];

}

arr[x]=temp;

}

**for**(**int** q:arr)

System.***out***.print(q+" ");

System.***out***.println();

//Right rotations

**int** brr[]=**new** **int**[]{10,20,30,40,50,60,70,80,90,100};

**int** k=4;

**int** a,b;

**for**(b=1;b<=4;b++)

{

**int** temp=arr[arr.length-1];

**for**(a=arr.length-1;a>0;a--)

{

arr[a]=arr[a-1];

}

arr[a]=temp;

}

**for**(**int** q:arr)

System.***out***.print(q+" ");

}

}

Output>>

Left Rotatins

beffor rotation

10 20 30 40 50 60 70 80 90 100

after rotation

40 50 60 70 80 90 100 10 20 30

Right Rotations

beffor rotation

10 20 30 40 50 60 70 80 90 100

after rotation

70 80 90 100 10 20 30 40 50 60