- **EASY**
- **Max Score: 30 Points**
-
-
-
-
-

Rotate array

Given an array with N elements, the task is to rotate the array to the left by K steps, where K is non-negative.

Input Format

The first line contains an integer N representing the size of the array.

The second line contains N space-separated integers representing the elements of the array.

The last line contains an integer K representing the number of times the array has to be rotated in the left direction.

Output Format

The only line of the output prints N space-separated integers representing the Rotated array elements.

Example 1

Input

```
8
7 5 2 11 2 43 1 1
2
```

Output

```
2 11 2 43 1 1 7 5
```

Explanation

Rotate 1 steps to the left: 5 2 11 2 43 1 1 7

Rotate 2 steps to the left: 2 11 2 43 1 1 7 5

Example 2

Input

```
8
7 5 2 11 2 43 1 1
3
```

Output

```
11 2 43 1 1 7 5 2
```

Explanation

Rotate 1 steps to the left: 5 2 11 2 43 1 1 7

Rotate 2 steps to the left: 2 11 2 43 1 1 7 5

Rotate 3 steps to the left: 211 2 43 1 1 7 5 2

Constraints

1 <= N <= 10^3

1 <= arr[i] <= 10^9

1 <= K < N

- **Arrays**

My code

```java
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
    public static void main (String[] args) throws java.lang.Exception
    {
        //your code here
    Scanner s=new Scanner(System.in);
     int n=s.nextInt();
    int arr[]=new int[n];
    for(int i=0;i<n;i++)
      arr[i]=s.nextInt();
    int m=s.nextInt();
    int max=0;
    for(int i=0;i<m;i++)
    for(int j=0;j<n-1;j++)
      {
        int a=arr[j];
          arr[j]=arr[j+1] ;
         arr[j+1]=a ;
```

```java
        }
for(int j=0;j<n;j++)
 System.out.print(arr[j]+" ");



    }
```