Given an array, rotate the array by one position in clock-wise direction.

Example 1:

Input:
N = 5
A[] = {1, 2, 3, 4, 5}
Output:
5 1 2 3 4

Example 2:

Input:
N = 8
A[] = {9, 8, 7, 6, 4, 2, 1, 3}
Output:
3 9 8 7 6 4 2 1

C

```c
#include <stdio.h>

int main()
{
    int N;
    scanf("%d",&N);
    int arr[N];
    for(int i=0;i<N;i++)
    {
        scanf("%d",&arr[i]);
    }
```

```c
    int length = sizeof(arr)/sizeof(arr[0]);


    for(int i = 0; i < 1; i++){

        int j, last;

        last = arr[length-1];

        for(j = length-1; j > 0; j--){

            arr[j] = arr[j-1];

        }

        arr[0] = last;

    }


    printf("\n");
    for(int i = 0; i< length; i++){
        printf("%d ", arr[i]);
    }
    return 0;
}
```

C++

```cpp
#include <iostream>
using namespace std;

int main()
{
    int N;
    cin>>N;
    int arr[N];
```

```
    for(int i=0;i<N;i++)

    {

        cin>>arr[i];

    }

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


    for(int i = 0; i < 1; i++){

        int j, last;

        last = arr[length-1];

        for(j = length-1; j > 0; j--){

            arr[j] = arr[j-1];

        }

        arr[0] = last;

    }


    cout<<"\n";

    for(int i = 0; i< length; i++){

        cout<<arr[i]<<" ";

    }

    return 0;

}
```

Java

```java
import java.util.Scanner;

public class Main

{

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

```java
Scanner sc = new Scanner(System.in);
int N = sc.nextInt();
int [] arr = new int [N];


for (int i = 0; i < N; i++) {
    arr[i] = sc.nextInt();
}
for(int i = 0; i < 1; i++){
    int j, last;
    last = arr[arr.length-1];


    for(j = arr.length-1; j > 0; j--){
        arr[j] = arr[j-1];
    }
    arr[0] = last;
}


System.out.println();
for(int i = 0; i< arr.length; i++){
    System.out.print(arr[i] +" ");
}
    }
}
```
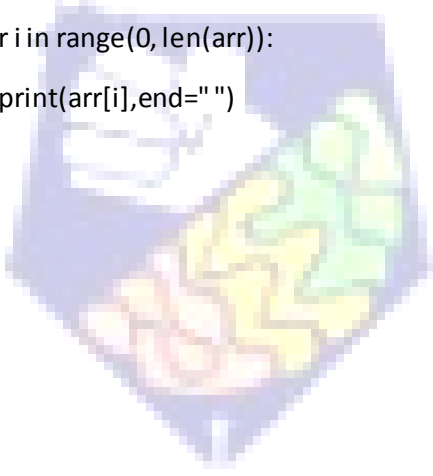
Python

```python
N = int(input())
arr=list(map(int, input(). strip(). split()))
```

```
for i in range(0, 1):

    last = arr[len(arr)-1];


    for j in range(len(arr)-1, -1, -1):

        arr[j] = arr[j-1];


    arr[0] = last;


print();

for i in range(0, len(arr)):

    print(arr[i],end=" ")
```