**Cyclically rotate an array by one**

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

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **rotate()** which takes the array **A[]** and its size **N**as inputs and modify the array in place.

**Expected Time Complexity:** O(N)  
**Expected Auxiliary Space:** O(1)

**Constraints:**  
1<=N<=105  
0<=a[i]<=105