DSAx30: The DSA Chronicles

Day 2

Question 1: Given an array of integers nums and an integer target, return *indices of the two numbers such that they add up to target*.

You may assume that each input would have ***exactly* one solution**, and you may not use the *same* element twice.

You can return the answer in any order.

**Example 1:**

**Input:** nums = [2,7,11,15], target = 9

**Output:** [0,1]

**Explanation:** Because nums[0] + nums[1] == 9, we return [0, 1].

**Example 2:**

**Input:** nums = [3,2,4], target = 6

**Output:** [1,2]

**Example 3:**

**Input:** nums = [3,3], target = 6

**Output:** [0,1]

**Link to source**: https://leetcode.com/problems/two-sum

Question 2: Given an array **arr**, rotate the array by one position in clockwise direction.

**Examples:**

**Input:** arr[] = [1, 2, 3, 4, 5]

**Output:** [5, 1, 2, 3, 4]  
**Explanation**: If we rotate arr by one position in clockwise 5 come to the front and remaining those are shifted to the end.

**Input:** arr[] = [9, 8, 7, 6, 4, 2, 1, 3]

**Output:** [3, 9, 8, 7, 6, 4, 2, 1]  
**Explanation:** After rotating clock-wise 3 comes in first position.

**Link to source**: https://www.geeksforgeeks.org/problems/cyclically-rotate-an-array-by-one2614/1