Leetcode 1 (TWO SUM)

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.

EXAMPLE

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

Output: [0, 1] ⟶ BECOZ ↴

nums[0] + nums[1] == 9, we return [0, 1]

CONSTRAINTS

- 2 <= nums.length <= 10^4
- -10^9 <= nums[i] <= 10^9
- -10^9 <= target <= 10^9
- Only one valid answer exists.

SOLUTION

```
class Solution {
    public int[] twoSum(int[] nums, int target) {
        for (int i=0; i<nums.length; i++) {
            for(int j=i+1; j< nums.length; j++){
                if (nums[j]== target-nums[i]) {
                    return new int[] {i,j};
                }
            }
        }
        return null; //Agar koi solution nahi hota toh
    }                 null return krengy!
}
```

i=0
j=i+1=1
7=9-2
7=7
[0,1]

= Humne 2 parameters pass krey, ek nums array aur ek target.
= Hum (i) ko 0 se end tak chalaya, (j) ko i+1 se end tak.
= Fir, ~~Agar~~ Humne if condition lagai,
Agar nums[j] equal hota hai target - nums[i] ke toh hum ek new int array return krengy usme (i) aur (j) ki value bhi return krengy, jo humarey indices hai!