Two Sum : <https://leetcode.com/problems/two-sum/>

class Solution {

public int[] twoSum(int[] nums, int target)

{

HashMap<Integer, Integer> map = new HashMap<>();

int[] result = new int[2];

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

int complement = target - nums[i];

if (map.containsKey(complement)) {

result[0] = map.get(complement);

result[1] = i;

return result;

}

map.put(nums[i], i);

}

// If no solution is found, return an empty array

return new int[0];

}

}

