



# HashMap – 2

## Assignment Questions

- Q.** Given an array of integers and a number  $k$ , write a function that returns true if the given array can be divided into pairs such that the sum of every pair is divisible by  $k$ .
- Q.** Given an array of names of candidates in an election. A candidate's name in the array represents a vote cast on the candidate. Print the name of candidates who received the maximum vote. If there is a tie, print a lexicographically smaller name.
- Q.** Given an array of distinct integers, find if there are two pairs  $(a, b)$  and  $(c, d)$  such that  $a+b = c+d$ , and  $a, b, c$  and  $d$  are distinct elements. If there are multiple answers, then print any of them.
- Q.** Count nice pairs in an array (leetcode :-1814)





**THANK  
YOU !**

