Lecture 3 : Hashmaps
Deadline
Oct 5, 2020, 11:59 PM

Lecture

100.0%

Score 200.00/200

- Introduction to Hashmaps
- Inbuilt Hashmap
- Remove Duplicates
- Code : Maximum Frequency Number 40.0/40
- Code : Print Intersection 80.0/80
- Code : Pair Sum to 0 80.0/80
- Iterators
- Bucket Array and hash function
- Collision Handling
- Hashmap Implementation - Insert
- Hashmap Implementation - Delete a...
- Time complexity and Load factor
- Rehashing

Assignment

0.0%

Score 0/560

- Longest Consecutive Sequence 0/80
- Pairs with difference K 0/80
- Zero Sum Sub-Array 0/40
- Vertical order 0/80
- Make Strings Anagram 0/80
- Longest Subset 0/120
- Nearest Repetition 0/80

Problem | Result

Zero Sum Sub-Array

Send Feedback

You are given with an array (of size N) consisting of positive and negative integers that contain numbers in random order.

Write a program to return true if there exists a sub-array whose sum is zero else, return false.

Input Format :

Line 1 : An Integer N i.e. size of array
Line 2 : N integers, elements of the array (separated by space)

Output Format :

true or false

Constraints :

1 <= N <= 10^5

Sample Input 1 :

6
7 1 3 -4 5 1

Sample Output 1 :

true

Sample Input 2 :

5
-6 7 6 2 1

Sample Output 2 :

false

```
bool subArrayZeroSum(int input[], int n) {

    /* Don't write main().
        * the input array is already passed as function argument.
        * Taking input and printing output is handled automatically. Return only true or false.
        */


}
```