



## Top 50 Problems on Hash Data Structure asked in SDE Interviews

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**Hashing** is a technique or process of mapping keys, and values into the hash table by using a hash function. It is done for faster access to elements. The efficiency of mapping depends on the efficiency of the hash function used.

To learn more about hashing and hashmaps, please refer to the [Tutorial on Hashing](#).



Given below are the most frequently asked interview questions on Hash:

### Easy Level Problems on Hash Data Structure

[Find whether an array is a subset of another array](#)

[Find the frequency of each character in a string](#)

[Find the first non-repeating character in a string](#)

[Find the intersection of two arrays](#)

## Easy Level Problems on Hash Data Structure

[Find missing elements of a range](#)

[Find the pair with given sum in an array](#)

[Find the count of distinct elements in an array](#)

[Count number of Distinct Substring in a String](#)

[Print all distinct words from a paragraph](#)

[Count all distinct pairs with difference equal to k](#)

[Remove minimum number of elements such that no common element exist in both array](#)

[Minimum insertions to form a palindrome with permutations allowed](#)

[Find the only repetitive element between 1 to n-1](#)

[Remove duplicates from an array](#)

## Medium Level Problems on Hash Data Structure

[Find the length of the longest consecutive sequence in an array](#)

[Find all pairs with a given sum in an array](#)

[Longest Consecutive Subsequence](#)

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| Registered Address:- K 061, Tower K, Gulshan Vivante Apartment, Sector 137, Noida, Gautam Buddh Nagar, Uttar Pradesh, 201305



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