HashMap & set

Assignment Questions

Q. Given an array containing only 0s and 1s, find the largest subarray which contains equal no of 0s and 1s. The expected time complexity is O(n).

Q. Given an array of size N and an integer K, return the count of distinct numbers in all windows of size K.

Q. Given an array A[] of N positive integers and 3 integers X, Y, and Z, the task is to check if there exist 4 indices (say p, q, r, s) such that the following conditions are satisfied:

- **0 < p < q < r < s < N**
- **Sum of the subarray from A[p] to A[q – 1] is X**
- **Sum of the subarray from A[q] to A[r – 1] is Y**

Sum of the subarray from A[r] to A[s – 1] is Z

Q. Convert Set To ArrayList in JAVA

Q. Binary Tree Right Side View