Contains Deplecate II

For this problem we much to check if there are two equal elements whose endices differ by at most k.

Approach: | Hash Mas (Optimal)

[They Idea; [

· While iteraturing:

1. If the number has even seen byone and i-last Index = k, return true.

2. Otherwin, update its lest will in the map.

[Abouthm:]

1. Create an unordered - may last Index.

I The rate through nums with index i:

· If nums Ci] exists in map:

· Eheck if i- last Inclix [mims [i]] <= k

·If they -> return tree.

Update last moles [nums [i]] = i.

3. Return false if no volid pair freehol.

[Complexity:1

Time: O(u) - migli poss.

space. O(n) - hash map stowing includes of elements.