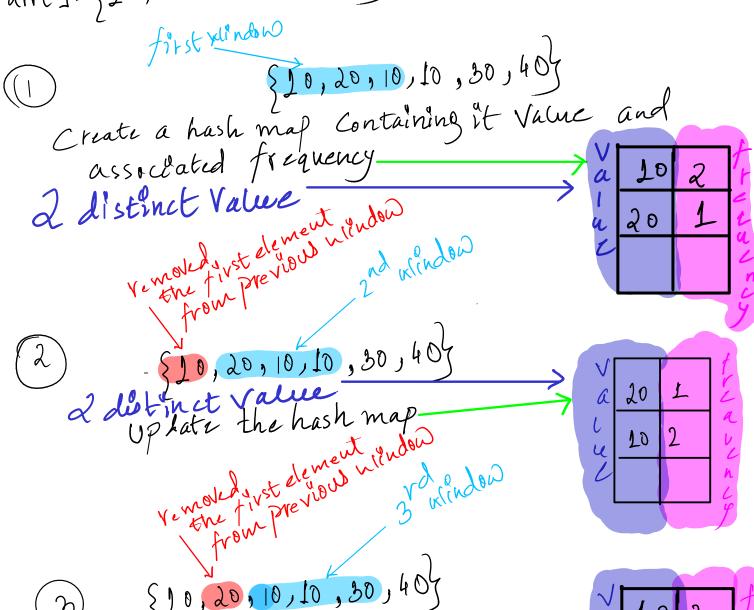


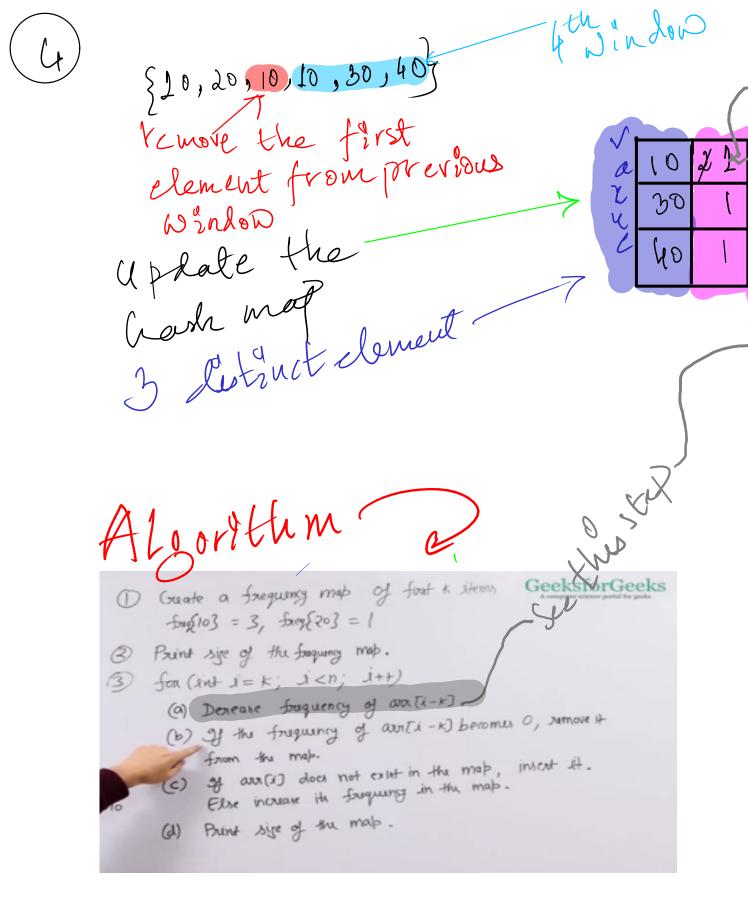
arri7-{10,20,10,10,30,40}



§ 10, 20, 10, 10, 30, 40 g

Uptate the hash map 2 distinct element

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Code

```
#include <bits/stdc++.h>
using namespace std;
void printDistinct(int arr[], int n, int k)
{
  map<int, int> m;
  for (int i = 0; i < k; i++) {
     m[arr[i]] += 1;
  cout << m.size() << " ";
  for (int i = k; i < n; i++) {
     m[arr[i - k]] -= 1;
     if (m[arr[i - k]] == 0) {
        m.erase(arr[i-k]);
     m[arr[i]] += 1;
     cout << m.size() << " ";
}
int main()
{
  int arr[] = \{10, 10, 5, 3, 20, 5\};
  int n = sizeof(arr)/sizeof(arr[0]);
  int k=4;
  printDistinct(arr, n, k);
}
```