Qn Link : <https://www.geeksforgeeks.org/find-whether-an-array-is-subset-of-another-array-set-1/>

class Compute {

public String isSubset( long a1[], long a2[], long n, long m) {

Map<Long , Integer> map1 = new HashMap<>();

Map<Long , Integer> map2 = new HashMap<>();

//Getting the freq of array 1

for(long i : a1){

map1.put(i , map1.getOrDefault(i , 0)+ 1);

}

//Getting the freq of array 2

for(long i : 2){

map2.put(i , map2.getOrDefault(i , 0)+ 1);

}

//instaed of iterating again over the array ..iterate over hashmap which map reduce the Tc

//Check if the number is in map1 , else retrun false

//if the freq of a number is greater than map1 then return false;

for(long i : map2.keySet()){

if(!map1.containsKey(i) || map1.get(i) < map2.get(i)){

return "No";

}

}

return "Yes";

}

}