/\*subset version-1 & version 2(duplicates removal)\*/

import java.util.\*;

public class Main

{ public static int[] arr={1,2,2,2,3,3};

public static ArrayList<ArrayList<Integer>> ans1=new ArrayList<>();

public static ArrayList<ArrayList<Integer>> ans2=new ArrayList<>();

public static int n=arr.length;

public static void r(int i,ArrayList<Integer> ls){

if(i==n){

ans2.add(new ArrayList<Integer>(ls));

return;

}

ls.add(arr[i]);

r(i+1,ls);

ls.remove(ls.size()-1);

r(i+1,ls);

}

public static void f(int ind,List<Integer>ds){

ans1.add(new ArrayList<Integer>(ds));

for(int i=ind;i<=n-1;i++){

if(i!=ind&&arr[i]==arr[i-1]){

continue;

}

ds.add(arr[i]);

f(i+1,ds);

ds.remove(ds.size()-1);//removes element at that particular Index

}

}

public static void main(String[] args) {

ArrayList<Integer> ds=new ArrayList<Integer>();

f(0,ds);

System.out.println(ans1.size());

ArrayList<Integer> ls=new ArrayList<Integer>();

r(0,ls);

System.out.println(ans2.size());

}

}