static int sockMerchant(int n, int[] ar) {

HashMap<Integer,Integer> hm=new HashMap<>();

int count = 0;

for(int i=0; i<ar.length;i++){

if(!hm.containsKey(ar[i])){

hm.put(ar[i],1);

}else{

hm.put(ar[i],hm.get(ar[i])+1);

}

}

for(int i=0; i<ar.length;i++){

if(hm.containsKey(ar[i]) && hm.get(ar[i])>=2){

hm.put(ar[i],hm.get(ar[i])-2);

count++;

continue;

}

}

return count;

}