package LeetCode2;

public class DuplicateInArray {

boolean checkDuplicate(int[] a,int k) {

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

for(int j=i+1;j<a.length;j++) {

if(a[i]==a[j]) {

if((j-i)<=k) {

System.out.println(a[i]+ " "+"is duplicate number");

return true;

}

else {

}

}

}

}

return false;

}

public static void main(String[] args) {

int[] a= {1,0,1,1};

int k=1;

DuplicateInArray d=new DuplicateInArray();

System.out.println(d.checkDuplicate(a,k));

}

}