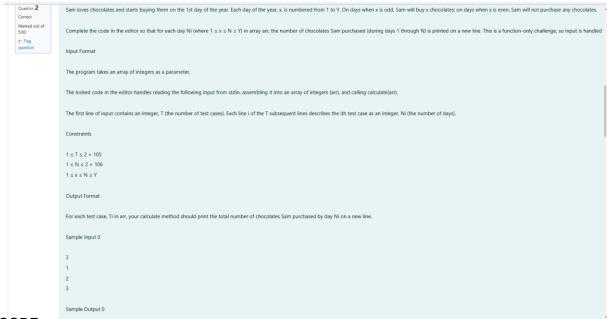
```
Given an array A of sorted integers and another non negative integer k, find if there exists 2 indices i and j such that A[i] - A[j] = k, i! = j.
Input Format
1. First line is number of test cases T. Following T lines contain:
2. N, followed by N integers of the array
3. The non-negative integer k
Output format
Print 1 if such a pair exists and 0 if it doesn't.
Example
Input:
3135
Output:
3135
```

Answer: (penalty regime: 0 %)

```
SOURCE CODE 1 #include(stdio.h) int main()
                                                         int t;
scanf("%d",&t);
while(t--){
   int n;
   scanf("%d",&n);
   int a[n];
   for(int i=0;i<n;i++)
   }</pre>
                                            7
8
9
10
                                                               {
| scanf("%d",&a[i]);
                                           int k;
scanf("%d",&k);
int flag=0;
for(int i=0;i<n;i++)</pre>
                                                                    for(int j=i+1;j<n;j++){
    if((a[i]-a[j]=-k)||(a[j]-a[i]=-k)){flag=1;break;</pre>
                                                               }
if(flag)
                                                         printf("%d\n",flag);
```

RESULT

	Input	Expected	Got	
~	1 3 1 3 5 4	1	1	~
~	1 3 1 3 5 99	0	0	~



SOURCE CODE: (penalty regime: 0 %)

RESULT

	pected G	JOT
3 1	1	
1 1	1	
2 4	4	1
3		
10 129	96 1	1296
71 250	00 2	2500
100 184	49 1	1849
86 729	9 7	729
54 400	0 4	100
40 25		25
9 152	21 1	1521
77 25		25
9 49		19
13 240	01 2	2401

The number of goals achieved by two football teams in alraque is given in the form of two lists. Consider:

Football team & has played three matches, and has scored [1,2,3] goals in each match respectively.

Football team & has played three matches, and has scored [2,4] goals in each match respectively.

Your task is to compute, for each match of team 8, the total number of matches of team A where team A has scored less than or equal to the number of goals scored by team 8 in that match.

In the above case.

For 2 goals scored by team 8 in its second match, team A has 3 matches with scores 1,2 and 3.

Hence, the answers [2, 3].

Complete the code in the editor below. The program must return an array of m positive integers, one for each mass()] representing the total number of elements surrol[] satisfying num()] is mass()] where 0 s j < n and 0 s i < m, in the life has the following:

numiquiss()[__mass()[__mass()[__mass()[__]]); second array of positive integers

matchines()(]___mass()[___mass()[__]]); second array of positive integers

Constraints

2 d n, m s 115

1 s num()[] s 109, where 0 s j < n.

1 s mass()[] s 199, where 0 s j < n.

1 mass()[] s 199, where 0 s j < n.

1 ment()[] representing the contains an integer and passed to the function.

The first line contains an integer n, the number of elements in nums.

The each line acutions an integer m, the number of elements in nums.

Sample (Size 0, 0)

Sample (Size 0, 0)

Sample (Size 0, 0)

The first line contains an integer m, the number of elements in nums.

Sample Case U
Sample Input 0
4
1
4
2
4
2
3
5
Sample Output 0
2
4
Explanation 0
We are given n = 4, nums = [1, 4, 2, 4], m = 2, and maxes = [3, 5].
1. For maxes[0] = 3, we have 2 elements in nums (nums[0] = 1 and nums[2] = 2) that are ≤ maxes[0].
2. For maxes[1] = 5, we have 4 elements in nums (nums[0] = 1, nums[1] = 4, nums[2] = 2, and nums[3] = 4) that are \leq maxes[1].
The defendance of the second s
Thus, the function returns the array [2, 4] as the answer.
Sample Case 1
Sumple Case 1
Sample Input 1
Sumple input i

```
1
                                             We are given, n = 5, nums = [2, 10, 5, 4, 8], m = 4, and maxes = [3, 1, 7, 8].
                                             1. For maxes[0] = 3, we have 1 element in nums (nums[0] = 2) that is \leq maxes[0].
                                              2. For maxes[1] = 1, there are 0 elements in nums that are \leq maxes[1].

    For maxes[2] = 7, we have 3 elements in nums (nums[0] = 2, nums[2] = 5, and nums[3] = 4) that are ≤ maxes[2].

                                             4. \quad \text{For maxes} \\ [3] = 8, \text{ we have 4 elements in nums (nums} \\ [0] = 2, \\ \text{nums} \\ [2] = 5, \\ \text{nums} \\ [3] = 4, \\ \text{and nums} \\ [4] = 8) \text{ that are } \\ \le \\ \text{maxes} \\ [3].
                                              Thus, the function returns the array [1, 0, 3, 4] as the answer.
                                              Answer: (penalty regime: 0 %)
6
7
8 *
9
10
11
12
13
14 *
15
16
17
18
19 *
                                                            }
scanf("%d",&m);
int max[m],result[m];
for(int i-0;i<m;i++){
    scanf("%d",&max[i]);</pre>
                                                             }
for(int i=0;i<m;i++)
{
   int c=0;
                                                                  int c-0;
                                                                  for(int j=0;j<n;j++)
{
    if(num[j]<-max[i]){
        c++;
    }
}
result[i]-c;</pre>
                                               21
22 v
23 v
24
25
26
27
28
29
30 v
31
32
33
34
                                                              }
for(int i=0;i<m;i++)
                                                            fur(in = )
{
    printf("%d\n",result[i]);
}
                                                              }
return 0;
```

RESULT