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Test Name:

Mock Test

Taken On:

11 Oct 2023 08:36:16 IST

Time Taken:

14 min 2 sec/ 25 min

Invited by:

Ankush

Invited on:

11 Oct 2023 08:36:07 IST

Skills Score:

Tags Score:

Algorithms 50/75

Core CS 50/75

Medium 50/75

Search 50/75

problem-solving 50/75

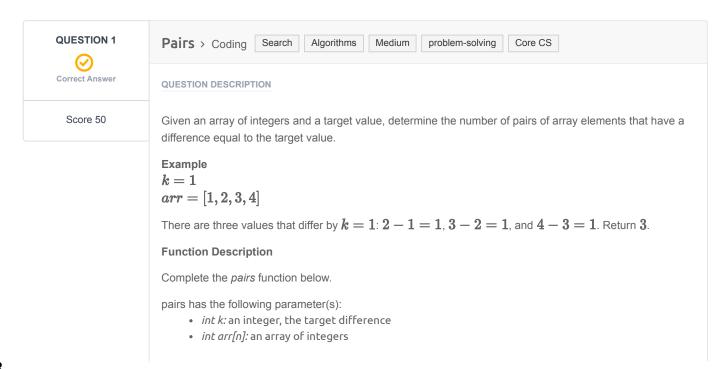
66.7% 50/75

scored in **Mock Test** in 14 min 2 sec on 11 Oct 2023 08:36:16 IST

Recruiter/Team Comments:

No Comments.





Returns

int: the number of pairs that satisfy the criterion

Input Format

The first line contains two space-separated integers n and k, the size of arr and the target value. The second line contains n space-separated integers of the array arr.

Constraints

- $2 \le n \le 10^5$
- $0 < k < 10^9$
- $0 < arr[i] < 2^{31} 1$
- each integer arr[i] will be unique

Sample Input

```
STDIN Function
-----
5 2 arr[] size n = 5, k =2
1 5 3 4 2 arr = [1, 5, 3, 4, 2]
```

Sample Output

3

Explanation

There are 3 pairs of integers in the set with a difference of 2: [5,3], [4,2] and [3,1]. .

CANDIDATE ANSWER

Language used: Python 3

```
# Complete the 'pairs' function below.
# The function is expected to return an INTEGER.
# The function accepts following parameters:
# The function acc
```

| TESTCASE | DIFFICULTY | TYPE | STATUS | SCORE | TIME TAKEN | MEMORY USED |
|------------|------------|-------------|---------|-------|---------------|----------------|
| Testcase 1 | Easy | Hidden case | Success | 5 | 0.0907 sec | 10.6 KB |
| Testcase 2 | Easy | Hidden case | Success | 5 | 0.0545 sec | 10.7 KB |
| Testcase 3 | Easy | Hidden case | Success | 5 | 0.0497 sec | 10.5 KB |
| Testcase 4 | Easy | Hidden case | Success | 5 | 0.0554 sec | 10.7 KB |

| Testcase 5 | Easy | Hidden case | | 5 | 0.0783 sec | 10.8 KB | |
|----------------|------|-------------|-----------------------------|---|-------------|---------|--|
| Testcase 6 | Easy | Hidden case | Success | 5 | 0.9572 sec | 11.3 KB | |
| Testcase 7 | Easy | Hidden case | Success | 5 | 1.038 sec | 11.3 KB | |
| Testcase 8 | Easy | Hidden case | Success | 5 | 0.2949 sec | 10.9 KB | |
| Testcase 9 | Easy | Hidden case | Success | 5 | 0.6994 sec | 11.3 KB | |
| Testcase 10 | Easy | Hidden case | Success | 5 | 2.2439 sec | 11.7 KB | |
| Testcase 11 | Easy | Hidden case | Terminated due to timeout | 0 | 10.0043 sec | 22 KB | |
| Testcase 12 | Easy | Hidden case | X Terminated due to timeout | 0 | 10.0074 sec | 21.9 KB | |
| Testcase | Easy | Hidden case | X Terminated due to timeout | 0 | 10.0041 sec | 21.6 KB | |
| Testcase 14 | Easy | Hidden case | Terminated due to timeout | 0 | 10.0048 sec | 21.9 KB | |
| Testcase 15 | Easy | Hidden case | Terminated due to timeout | 0 | 10.0033 sec | 21.8 KB | |
| Testcase 16 | Easy | Sample case | Success | 0 | 0.0394 sec | 10.7 KB | |
| Testcase 17 | Easy | Sample case | Success | 0 | 0.0631 sec | 10.6 KB | |
| Testcase 18 | Easy | Sample case | Success | 0 | 0.0512 sec | 10.3 KB | |
| No Comments | | | | | | | |
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