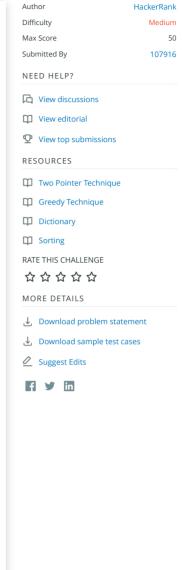
Pairs ☆

Problem	Submissions	Leaderboard	Discussions	Editorial	Topics
You will be given an	array of integers and a	target value. Determine	the number of pairs of	f array elements th	at have a difference equa
to a target value.					
	an array of [1, 2, 3, 4] an	d a target value of 1, we	e have three values mee	eting the condition:	2-1=1, $3-2=1$,
and $4 - 3 = 1$.					
Function Description					
, ,		return an integer repres	senting the number of e	element pairs havir	ng the required difference
pairs has the followi					
k: an integer, the	target difference				
arr: an array of ir	ntegers				
Input Format					
The first line contair	s two space-separated	integers $m{n}$ and $m{k}$, the si	ze of arr and the targe	t value.	
The second line con	tains n space-separated	d integers of the array a	rr.		
Constraints					
• $2 \le n \le 10^5$					
• $0 < k < 10^9$					
• $0 < arr[i] < 2^3$	1 – 1				
• each integer arr	[i] will be unique				
Output Format					
An integer represen	ting the number of pair	s of integers whose diffe	erence is k .		
Sample Input					
5 2 1 5 3 4 2					
10012					
Sample Output					
3					
Explanation					
TI 0	integers in the set with				



```
Change Theme Java 8
                                                                                                          ७ ₹₹ ₩
        import java.io.*;
import java.math.*;
        import java.security.*;
import java.text.*;
        import java.util.*;
        import java.util.concurrent.*;
        import java.util.regex.*;
        public class Solution {
  10
  11
             \ensuremath{//} Complete the pairs function below.
  12
             static int pairs(int k, int[] arr) {
  13
  14
  15
             private static final Scanner scanner = new Scanner(System.in);
  16
  17
             public static void main(String[] args) throws IOException {
    BufferedWriter bufferedWriter = new BufferedWriter(new FileWriter(System.getenv
  18
  19
        ("OUTPUT_PATH")));
  20
                  String[] nk = scanner.nextLine().split(" ");
                                                                                                            Line: 13 Col: 1
                       ☐ Test against custom input
<u>Upload Code as File</u>
                                                                                       Run Code
                                                                                                        Submit Code
```