☆ Coding Wars

There are 'N' coders at Goldman Sachs standing in a line, where i denotes the ith position of a coder with a rating of Ri. All ratings are distinct.

You have to form a team of 3 from amongst them with the condition:
- Any three coders with positions (i, j, k) and ratings (Ri,Rj, Rk) can form a team when ("Ri < Rj < Rk" or "Ri > Rj > Rk") and (1 <=i < j < k <=N)

You have to find out how many such teams exist (1 coder can be part of multiple teams).

Input:
N - 5
Ratings - 5 2 3 1 4

Output: 3
(5,2,1), (5,3,1), (2,3,4)

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour. Start tour ✖

Draft saved 10:30 pm Original code Java 7

```
1  import java.io.*;
2  import java.util.*;
3  import java.text.*;
4  import java.math.*;
5  import java.util.regex.*;
6
7  public class Solution {
8
9
10     /*
11      * Complete the function below.
12      */
13     static int getCountOfPossibleTeams(int[] coders) {
14
15     }
16
17     public static void main(String[] args) throws IOException {
18         Scanner in = new Scanner(System.in);
19         final String fileName = System.getenv("OUTPUT_PATH");
20         BufferedWriter bw = null;
21         if (fileName != null) {
22             bw = new BufferedWriter(new FileWriter(fileName));
23         }
24         else {
25             bw = new BufferedWriter(new OutputStreamWriter(System.out));
26         }
27
```

```
        int[] coders = new int[coders_size];
        for(int i = 0; i < coders_size; i++) {
            int coders_item;
            coders_item = Integer.parseInt(in.nextLine().trim());
            coders[i] = coders_item;
        }

        res = getCountOfPossibleTeams(coders);
        bw.write(String.valueOf(res));
        bw.newLine();

        bw.close();
    }
}

```

Line: 44 Col: 6

CASE_INSENSITIVE_ORDER

(You can submit any number of times)

Download sample test cases *The input/output files have Unix line endings. Do not use Notepad to edit them on windows.*