

Description

Solution

Discuss (972)

Submissions

1232. Check If It Is a Straight Line

Easy

782

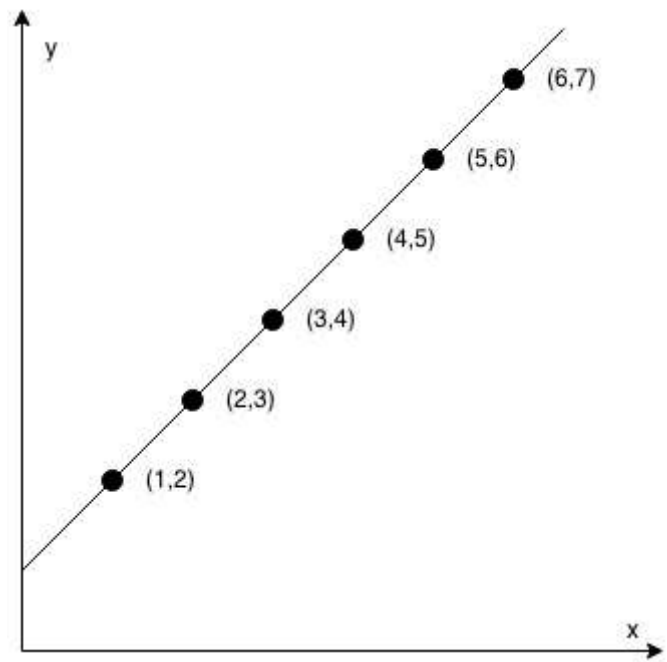
114

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You are given an array `coordinates` , `coordinates[i] = [x, y]` , where `[x, y]` represents the coordinate of a point. Check if these points make a straight line in the XY plane.

Example 1:



Input: `coordinates = [[1,2],[2,3],[3,4],[4,5],[5,6],[6,7]]`
Output: `true`

Example 2:

i

Java

Autocomplete

i

{ }

↺

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⌵


```
1  class Solution {
2      public boolean checkStraightLine(int[][] coordinates) {
3
4      for(int i = 0; i < coordinates.length - 2; i++){
5
6          if((coordinates[i+1][1] - coordinates[i][1]) * (coordinates[i+2][0] -
coordinates[i+1][0]) !=
7              (coordinates[i+2][1] - coordinates[i+1][1]) * (coordinates[i+1][0]
- coordinates[i][0]))
8
9              return false;
10     }
11
12     return true;
13 }
14 }
```

Your previous code was restored from your local storage. [Reset to default](#)

Testcase

Run Code Result

Debugger 

Accepted	Runtime: 0 ms	
Your input	<div>[[1,2],[2,3],[3,4],[4,5],[5,6],[6,7]]</div>	
Output	<div>true</div>	<div><input type="checkbox"/> Diff</div>
Expected	<div>true</div>	