**149. Max Points on a Line**

Hard

Given *n* points on a 2D plane, find the maximum number of points that lie on the same straight line.

**Example 1:**

**Input:** [[1,1],[2,2],[3,3]]

**Output:** 3

**Explanation:**

^

|

|        o

|     o

|  o

+------------->

0  1  2  3 4

**Example 2:**

**Input:** [[1,1],[3,2],[5,3],[4,1],[2,3],[1,4]]

**Output:** 4

**Explanation:**

^

|

| o

|     o   o

|      o

|  o   o

+------------------->

0  1  2  3  4  5  6

**NOTE:** input types have been changed on April 15, 2019. Please reset to default code definition to get new method signature.

Accepted

167,148

Submissions

971,451