We have a list of points on the plane.  Find the K closest points to the origin (0, 0).

(Here, the distance between two points on a plane is the Euclidean distance.)

You may return the answer in any order.  The answer is guaranteed to be unique (except for the order that it is in.)

**Example 1:**

**Input:** points = [[1,3],[-2,2]], K = 1

**Output:** [[-2,2]]

**Explanation:**

The distance between (1, 3) and the origin is sqrt(10).

The distance between (-2, 2) and the origin is sqrt(8).

Since sqrt(8) < sqrt(10), (-2, 2) is closer to the origin.

We only want the closest K = 1 points from the origin, so the answer is just [[-2,2]].

**Example 2:**

**Input:** points = [[3,3],[5,-1],[-2,4]], K = 2

**Output:** [[3,3],[-2,4]]

(The answer [[-2,4],[3,3]] would also be accepted.)

**Note:**

1. 1 <= K <= points.length <= 10000
2. -10000 < points[i][0] < 10000
3. -10000 < points[i][1] < 10000