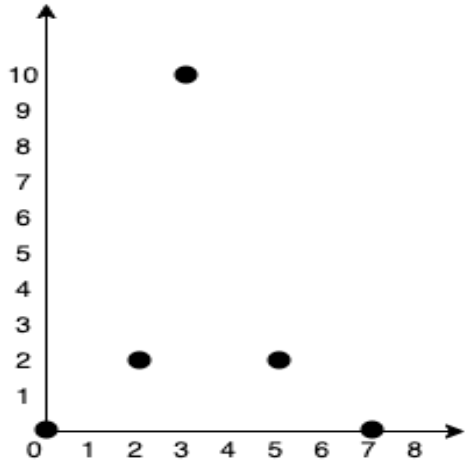
Min Cost to Connect All Points

You are given an array points representing integer coordinates of some points on a 2D-plane, where points[i] = $[x_i, y_i]$.

The cost of connecting two points $[x_i, y_i]$ and $[x_j, y_j]$ is the **manhattan distance** between them: $|x_i - x_j| + |y_i - y_j|$, where $|val|$ denotes the absolute value of val.

Return *the minimum cost to make all points connected.* All points are connected if there is **exactly one** simple path between any two points.

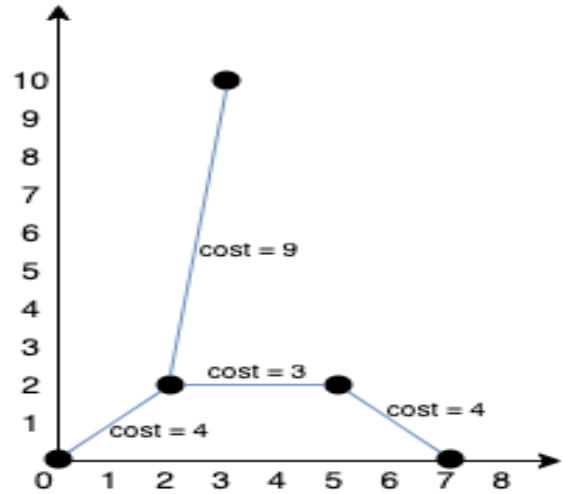
Example 1:



Input: points = [[0,0],[2,2],[3,10],[5,2],[7,0]]

Output: 20

Explanation:



We can connect the points as shown above to get the minimum cost of 20.

Notice that there is a unique path between every pair of points.

Example 2:

Input: points = [[3,12],[-2,5],[-4,1]]

Output: 18

Constraints:

- 1 <= points.length <= 1000
- $-10^6 <= x_i, y_i <= 10^6$
- All pairs (x_i, y_i) are distinct.