

## 1496. Path Crossing

Solved ●

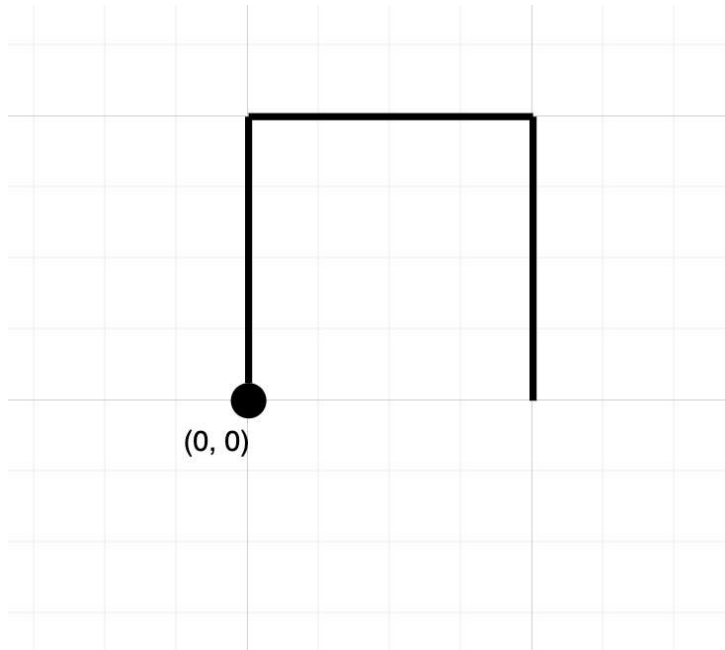
Easy Topics Companies Hint

Given a string `path`, where `path[i] = 'N', 'S', 'E' or 'W'`, each representing moving one unit north, south, east, or west, respectively. You start at the origin `(0, 0)` on a 2D plane and walk on the path specified by `path`.

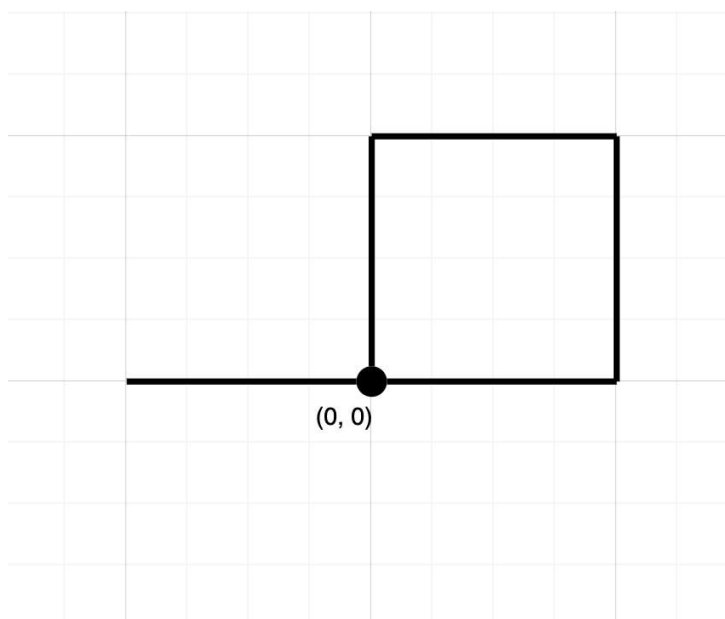
Return `true` if the path crosses itself at any point, that is, if at any time you are on a location you have previously visited.

Return `false` otherwise.

### Example 1:

**Input:** `path = "NES"`**Output:** `false`**Explanation:** Notice that the path doesn't cross any point more than once.

### Example 2:

**Input:** `path = "NESWW"`**Output:** `true`**Explanation:** Notice that the path visits the origin twice.

Constraints:

- `1 <= path.length <= 104`
- `path[i]` is either `'N'`, `'S'`, `'E'`, or `'W'`.

Seen this question in a real interview before? 1/4

Yes No

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