# 573. Squirrel Simulation Premium

Medium Topics Companies Hint

You are given two integers `height` and `width` representing a garden of size `height x width`. You are also given:

- an array `tree` where `tree = [tree_r, tree_c]` is the position of the tree in the garden,
- an array `squirrel` where `squirrel = [squirrel_r, squirrel_c]` is the position of the squirrel in the garden,
- and an array `nuts` where `nuts[i] = [nut_ir, nut_ic]` is the position of the `i^th` nut in the garden.

The squirrel can only take at most one nut at one time and can move in four directions: up, down, left, and right, to the adjacent cell.

Return *the **minimal distance** for the squirrel to collect all the nuts and put them under the tree one by one*.

The **distance** is the number of moves.

**Example 1:**