120. Triangle

120 Triangle

• **Dynamic Programming** + array

Description

Given a triangle, find the minimum path sum from top to bottom. Each step you may move to adjacent numbers on the row below.

For example, given the following triangle

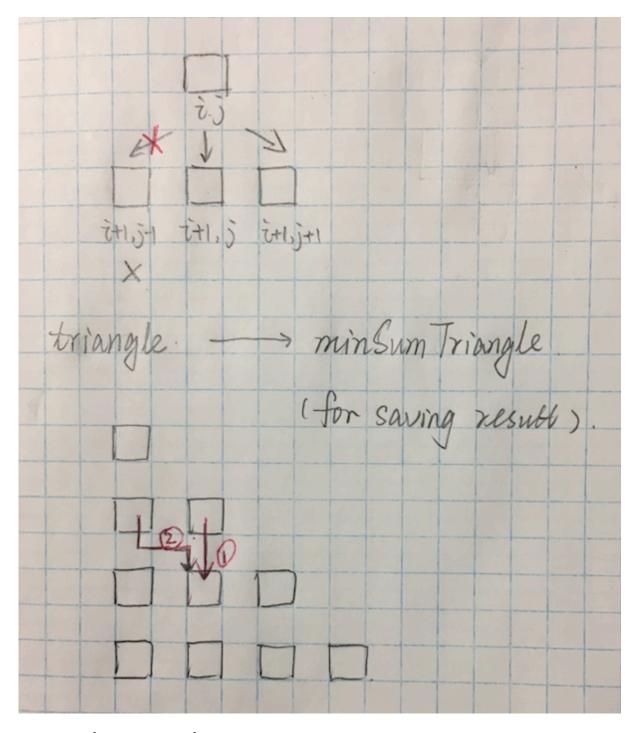
```
[
    [2],
    [3,4],
    [6,5,7],
    [4,1,8,3]
]
```

The minimum path sum from top to bottom is 11 (i.e., 2 + 3 + 5 + 1 = 11).

Note:

Bonus point if you are able to do this using only O(n) extra space, where n is the total number of rows in the triangle.

1. Thought line



2. Dynamic Programming+ array