Good morning! Here's your coding interview problem for today.

This problem was asked by Slack.

You are given an N by M matrix of `0`s and `1`s. Starting from the top left corner, how many ways are there to reach the bottom right corner?

You can only move right and down. `0` represents an empty space while `1` represents a wall you cannot walk through.

For example, given the following matrix:

```
[[0, 0, 1],
 [0, 0, 1],
 [1, 0, 0]]
```

Return two, as there are only two ways to get to the bottom right:

Fortunately in the FaceBook challenged I have prepared for N by M matrix.
All this problem requires another loop to test the path taken. Anytime a 0 is hit, it discards that subset.

It would also verify that 0 is at top left and bottom right. This is just validation test, but it should be accounted for other it would be a void challenge.