Gmail William Ting <williamdjting@gmail.com>

FW: Minimize Path

1 message

William Ting <william_ting_2@sfu.ca> Fri, Jul 28, 2023 at 6:09 AM
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

From: Daily Byte
Sent: Friday, July 28, 2023 6:09:29 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Minimize Path

The Daily Byte

Good morning,

Need help with yesterday's problem? Start getting solutions.

> Today's Byte

This question is asked by Google. Given an NxM matrix, `grid`, where each cell in the matrix represents the cost of stepping on the current cell, return the minimum cost to traverse from the top-left hand corner of the matrix to the bottom-right hand corner.
Note: You may only move down or right while traversing the `grid`.

Ex: Given the following `grid`...

```
grid = [
    [1,1,3],
    [2,3,1],
    [4,6,1]
], return 7.
The path that minimizes our cost is 1->1->3->1->1 which sums
to 7.
```

Thanks,
The Daily Byte
