Gmail William Ting <williamdjting@gmail.com>

FW: Galton Board

1 message

William Ting <william_ting_2@sfu.ca> Sat, Jul 1, 2023 at 6:10 AM
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

From: Daily Byte
Sent: Saturday, July 1, 2023 6:10:04 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Galton Board

The Daily Byte

Good morning,

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

> Today's Byte

This question is asked by Google. A ball is dropped into a special Galton board where at each level in the board the ball can only move right or down. Given that the Galton board has `M` rows and `N` columns, return the total number of unique ways the ball can arrive at the bottom right cell of the Galton board.

Ex: Given the following values of `M` and `N`...

```
M = 2, N = 2, return 2.
The possible paths are DOWN -> RIGHT and RIGHT -> DOWN
```

Ex: Given the following values of `M` and

`N` ...

```
M = 4, N = 3, return 10.
```

Thanks,
The Daily Byte

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