



William Ting <williamdjting@gmail.com>

FW: Painting Houses

1 message

William Ting <william_ting_2@sfu.ca>
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

Sat, Jul 8, 2023 at 6:10 AM

From: Daily Byte
Sent: Saturday, July 8, 2023 6:10:03 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Painting Houses

The Daily Byte

Good morning,

Need help with yesterday's problem? [Start getting solutions.](#)

Today's Byte

This question is asked by Apple. You are tasked with painting a row of houses in your neighborhood such that each house is painted either red, blue, or green. The cost of painting the i^{th} house red, blue or green, is given by

`costs[i][0]` ,

`costs[i][1]` , and

`costs[i][2]` respectively. Given that you are required to paint each house and no two adjacent houses may be the same color, return the minimum cost to paint all the houses.

Ex: Given the following

`costs` array...

```
costs = [[1, 3, 5],[2, 4, 6],[5, 4, 3]], return 8.
```

Paint the first house red, paint the second house blue, and paint the third house green.

Thanks,
The Daily Byte

Need help negotiating your offer? Chat with former tech recruiters who'll guide you on exactly what to say to get you paid more. Get negotiation help from [levels.fyi](#).

Want to take a break? [snooze](#) or [unsubscribe](#)

© 2023 The Daily Byte. All rights reserved.