Gmail

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FW: Message Decryption

1 message

William Ting <william_ting_2@sfu.ca>   Fri, Jun 30, 2023 at 6:10 AM
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

From: Daily Byte
Sent: Friday, June 30, 2023 6:10:19 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Message Decryption

The Daily Byte

Good morning,

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

> Today's Byte

This question is asked by Microsoft. Given a message that is encoded using the following encryption method…

```
A -> 1
B -> 2
C -> 3
...
Z -> 26
```

Return the total number of ways it can be decoded.
Note: '0' has no mapping and a character following a '0' also has no mapping (i.e. "03")

Ex: Given the following message…

```
message = "23", return 2.
The message can be decrypted as "BC" (i.e. 2 -> B, 3 -> C)
```

```
The message can also be decrypted as "W" (i.e. 23 -> W)
```

Ex: Given the following message…

```
message = "1234", return 3.
```

Thanks,
The Daily Byte

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