Gmail **William Ting <williamdjting@gmail.com>**

FW: Pond Size

1 message

William Ting <william_ting_2@sfu.ca> Mon, Aug 14, 2023 at 6:09 AM
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

From: Daily Byte
Sent: Monday, August 14, 2023 6:09:13 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Pond Size

The Daily Byte

Good morning,

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

> Today's Byte

You are given two-dimensional matrix that represents a plot of land. Within the matrix there exist two values: ones which represent land and zeroes which represent water within a pond. Given that parts of a pond can be connected both horizontally and vertically (but not diagonally), return the largest pond size.
Note: You may assume that each zero within a given pond contributes a value of one to the total size of the pond.

Ex: Given the following plot of `land` ...

```
land = [
    [1,1,1],
    [1,0,1],
    [1,1,1]
], return 1.
```

Ex: Given the following plot of `land` ...

```
land = [
    [1,0,1],
    [0,0,0],
    [1,0,1]
], return 5.
```

Thanks,
The Daily Byte
