



William Ting <williamdjting@gmail.com>

FW: Buggy Software

1 message

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

Tue, Jul 11, 2023 at 6:10 AM

From: Daily Byte
Sent: Tuesday, July 11, 2023 6:10:53 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Buggy Software

The Daily Byte

Good morning,

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

Today's Byte

This question is asked by Facebook. Releasing software can be tricky and sometimes we release new versions of our software with bugs. When we release a version with a bug it's referred to as a bad release. Your product manager has just informed you that a bug you created was released in one of the past versions and has caused all versions that have been released since to also be bad. Given that your past releases are numbered from zero to `N` and you have a helper function `isBadRelease(int releaseNumber)` that takes a version number and returns a boolean as to whether or not the given release number is bad, return the release number that your bug was initially shipped in. Note: You should minimize your number of calls made to `isBadRelease()`.

Ex: Given the following value

`N ...`

```
N = 5 and release number four is the release your bug was
shipped in...
isBadRelease(3) // returns false.
isBadRelease(5) // returns true.
isBadRelease(4) // returns true.

return 4.
```

Thanks,
The Daily Byte

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