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

FW: Find Value
1 message

William Ting <william_ting_2@sfu.ca>   Tue, May 23, 2023 at 6:09 AM
To: "williamdjting@gmail.com" <williamdjting@gmail.com>

From: Daily Byte
Sent: Tuesday, May 23, 2023 6:09:47 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Find Value
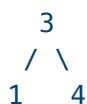
The Daily Byte

Good morning,

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

Today's Byte

This question is asked by Google. Given the reference to the root of a
binary search tree and a search value, return the reference to the node
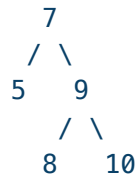that contains the value if it exists and
`null` otherwise.
Note: all values in the binary search tree will be unique.

Ex: Given the tree...

```
    3
   / \
  1   4
```
and the search value 1 return a reference to the node
containing 1.

Ex: Given the following tree...

```
        7
       / \
      5   9
         / \
        8   10
```
and the search value 9 return a reference to the node
containing 9.

Ex: Given the following tree...

```
        8
       / \
      6   9
```
and the search value 7 return null.

Thanks,
The Daily Byte

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