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FW: Sorted Array to Binary Search Tree

1 message

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From: Daily Byte
Sent: Friday, May 26, 2023 6:09:42 AM (UTC-08:00) Pacific Time (US & Canada)
To: William Ting
Subject: Sorted Array to Binary Search Tree

The Daily Byte

Good morning,

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

Today's Byte

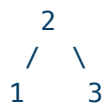
Given an array of numbers sorted in ascending order, return a height-balanced binary search tree using every number from the array.

Note: height-balanced meaning that the level of any node's two subtrees should not differ by more than one.

Ex: Given the following

nums ...

nums = [1, 2, 3] return a reference to the following tree...



Ex: Given the following

nums ...

nums = [1, 2, 3, 4, 5, 6] return a reference to the following tree...



Thanks,
The Daily Byte

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