112. Path Sum

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• Depth-first Search + Tree

Description

Given a binary tree and a sum, determine if the tree has a root-to-leaf path such that adding up all the values along the path equals the given sum.

For example:

Given the below binary tree and sum = 22,

```
5
/\
4 8
//\
11 13 4
/\
7 2 1
```

1. Thought line

2. Depth-first Search + Tree