

## 297. Serialize and Deserialize Binary Tree

Hard

 Topics

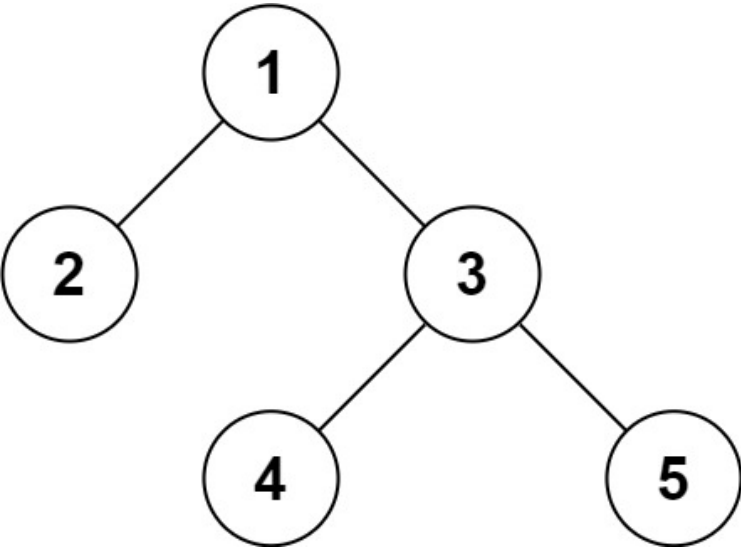
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Serialization is the process of converting a data structure or object into a sequence of bits so that it can be stored in a file or memory buffer

Design an algorithm to serialize and deserialize a binary tree. There is no restriction on how your serialization/deserialization algorithm should work.

**Clarification:** The input/output format is the same as [how LeetCode serializes a binary tree](#). You do not necessarily need to follow this form

Example 1:



Input: root = [1,2,3,null,null,4,5]

Output: [1,2,3,null,null,4,5]

Example 2:

Input: root = []

Output: []

Constraints:

- The number of nodes in the tree is in the range  $[0, 10^4]$ .
- $-1000 \leq \text{Node.val} \leq 1000$

Seen this question in a real interview before? 1/4

Yes No

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