094. Binary Tree Inorder Traversal

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- Hash Table + tree
- Stack + tree

Description

Given a binary tree, return the inorder traversal of its nodes' values.

For example:

Given binary tree [1, null, 2, 3],

```
1
\
2
/
3
```

return [1,3,2].

1. Thought line

(1) Stack

```
inorder: left > root -> right.
  Stack E 8%:
     )
1. ≥d V node
          □找到最充点,并将一路的过程点加上tol/kit
          Ly 当最大三为完好、和toVisit.Top17, Fe入、支面其后占松
     Cur: Starts from Root
                                         rootJumped : starts from empty
To each node: Cur
  (1) If Car = nullptr:
    - Visit root Jumped top1) Il Go to Cur's povent node
    - Replace Cur = root Jumped . topi)
    - Push Cur -> val into Result
    - Go to Right Child to start over 11 Inorden: left Child -> node -> right child
  (2) If Cur != NULL
    - Push Cur into root Jumped 11 Cur is exist as a root node
    - Go to Cur'left child to stool over
```

2. Stack+tree