**144. Binary Tree Preorder Traversal**

Medium

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Given the root of a binary tree, return *the preorder traversal of its nodes' values*.

**Example 1:**

手机屏幕截图

中度可信度描述已自动生成

**Input:** root = [1,null,2,3]

**Output:** [1,2,3]

**Example 2:**

**Input:** root = []

**Output:** []

**Example 3:**

**Input:** root = [1]

**Output:** [1]

**Example 4:**

图片包含 游戏机, 画, 钟表

描述已自动生成

**Input:** root = [1,2]

**Output:** [1,2]

**Example 5:**

卡通画

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**Input:** root = [1,null,2]

**Output:** [1,2]

**Constraints:**

* The number of nodes in the tree is in the range [0, 100].
* -100 <= Node.val <= 100

**Follow up:**

Recursive solution is trivial, could you do it iteratively?