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Java
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```
/**
 * Definition for a binary tree node.
   public class TreeNode {
      int val;
      TreeNode left;
      TreeNode right;
      TreeNode() {}
      TreeNode(int val) { this.val = val; }
      TreeNode(int val, TreeNode left, TreeNode right) {
           this.val = val;
          this.left = left;
          this.right = right;
 *
 * }
*/
class Solution {
    public boolean isEvenOddTree(TreeNode root) {
JavaScript
/**
 * Definition for a binary tree node.
* function TreeNode(val, left, right) {
      this.val = (val===undefined ? 0 : val)
      this.left = (left===undefined ? null : left)
      this.right = (right===undefined ? null : right)
```

```
* }
/**
 * @param {TreeNode} root
* @return {boolean}
*/
var isEvenOddTree = function(root) {
};
C++
/**
 * Definition for a binary tree node.
* struct TreeNode {
      int val;
      TreeNode *left;
      TreeNode *right;
      TreeNode() : val(0), left(nullptr), right(nullptr) {}
      TreeNode(int x) : val(x), left(nullptr), right(nullptr) {}
      TreeNode(int x, TreeNode *left, TreeNode *right) : val(x), left(left), right(right) {}
* };
*/
class Solution {
public:
   bool isEvenOddTree(TreeNode* root) {
};
```

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C#
```

```
/**
 * Definition for a binary tree node.
 * public class TreeNode {
 *        public int val;
 *        public TreeNode left;
 *        public TreeNode right;
 *        public TreeNode(int val=0, TreeNode left=null, TreeNode right=null) {
 *            this.val = val;
 *            this.left = left;
 *            this.right = right;
 *        }
 * }
 */
public class Solution {
    public bool IsEvenOddTree(TreeNode root) {
    }
}
```