Our Solution(s)   Run Code

Solution 1

```javascript
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// O(n) time | O(n) space
function inOrderTraverse(tree, array) {
  if (tree !== null) {
    inOrderTraverse(tree.left, array);
    array.push(tree.value);
    inOrderTraverse(tree.right, array);
  }
  return array;
}

// O(n) time | O(n) space
function preOrderTraverse(tree, array) {
  if (tree !== null) {
    array.push(tree.value);
    preOrderTraverse(tree.left, array);
    preOrderTraverse(tree.right, array);
  }
  return array;
}

// O(n) time | O(n) space
function postOrderTraverse(tree, array) {
  if (tree !== null) {
    postOrderTraverse(tree.left, array);
    postOrderTraverse(tree.right, array);
    array.push(tree.value);
  }
  return array;
}

exports.inOrderTraverse = inOrderTraverse;
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```javascript
function inOrderTraverse(tree, array) {
  // Write your code here.
}

function preOrderTraverse(tree, array) {
  // Write your code here.
}

function postOrderTraverse(tree, array) {
  // Write your code here.
}

// Do not edit the lines below.
exports.inOrderTraverse = inOrderTraverse;
exports.preOrderTraverse = preOrderTraverse;
exports.postOrderTraverse = postOrderTraverse;
```

Our Tests

Custom Output   Submit Code