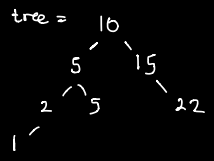
Input: BST
array

tree =



array = [ ]

Output: array

Traverse the BST, add its nodes' value to the input array
↳ inOrder, preOrder, postOrder

inOrder Traverse: [1, 2, 5, 5, 10, 15, 22]
preOrder Traverse: [10, 5, 2, 1, 5, 15, 22]
postOrder Traverse: [1, 2, 5, 5, 22, 15, 10]

```javascript
// 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;
}
```