Our Solution(s)   Run Code

Your Solutions   Run Code

Solution 1

Solution 1   Solution 2   Solution 3

```cpp
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#include <vector>
using namespace std;

class BST {
public:
  int value;
  BST *left;
  BST *right;

  BST(int val);
};

// O(n) time | O(n) space
vector<int> inOrderTraverse(BST *tree, vector<int> array) {
  if (tree->left != NULL) {
    array = inOrderTraverse(tree->left, array);
  }
  array.push_back(tree->value);
  if (tree->right != NULL) {
    array = inOrderTraverse(tree->right, array);
  }
  return array;
}

// O(n) time | O(n) space
vector<int> preOrderTraverse(BST *tree, vector<int> array) {
  array.push_back(tree->value);
  if (tree->left != NULL) {
    array = preOrderTraverse(tree->left, array);
  }
  if (tree->right != NULL) {
```

```cpp
#include <vector>
using namespace std;

class BST {
public:
  int value;
  BST *left;
  BST *right;

  BST(int val);
};

vector<int> inOrderTraverse(BST *tree, vector<int> array) {
  // Write your code here.
  return {};
}

vector<int> preOrderTraverse(BST *tree, vector<int> array) {
  // Write your code here.
  return {};
}

vector<int> postOrderTraverse(BST *tree, vector<int> array) {
  // Write your code here.
  return {};
}
```

Our Tests   Custom Output   Submit Code