Free Response Question 1

There should be some **Pseudocode** below. If you don't see it, then please refresh.

Please note, that even though it says below that the language is Java, it's actually **Pseudocode**. Java is selected only to provide better syntax highlighting.

Please pause and fix this code to correctly do insertion in a BST.

Correct code will be in next section.

```java
Node Insert (Node root, int val)
    if (root is NULL)
        return NewAllocatedNode(val)
    if (val <= root.val)
        return Insert(root.left)
    else
        return Insert(root.right)
```

ANSWER:

There should be some **Pseudocode** below. If you don't see it, then please refresh.

Please note, that even though it says below that the language is Java, it's actually **Pseudocode**. Java is selected only to provide better syntax highlighting.

```java
Node Insert (Node root, int val)
    if (root is NULL)
        return NewAllocatedNode(val)
    if (val <= root.val)
        root.left =  Insert(root.left)
    else
        root.right = Insert(root.right)
    return root
```