

Binary Search Tree (Implementation)

create a binary search tree and create a node in a tree (Reading time: 1 minute)

Before we write the tree, we need to create the constructor function for each node.

```
function Node(data) {  
  this.data = data;  
  this.left = null;  
  this.right = null;  
}
```



Every node has a node on its left side, the node smaller than the current node's value, and on its right side, the node bigger than the current node's value.

```
class Tree {  
  constructor() {  
    this.root = null;  
  }  
}
```



The tree is a class, which constructor contains the value of the root node. By default, the root's value is equal to null: there are no nodes in the tree until we add them! We will study the function to add a node in the next lesson.