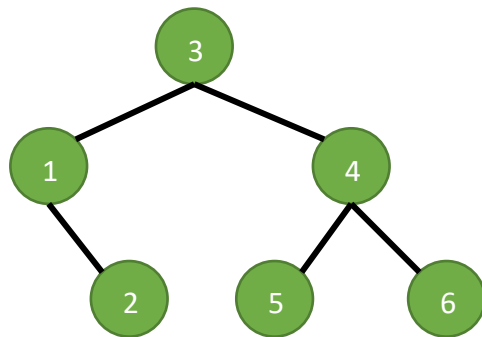


Q1.



Q2.

```
theRoot = BinaryTree.Node(3)
```

```
n1 = BinaryTree.Node(1)
```

```
n2 = BinaryTree.Node(2)
```

```
n5 = BinaryTree.Node(5)
```

```
n6 = BinaryTree.Node(6)
```

```
n9 = BinaryTree.Node(9)
```

```
n11 = BinaryTree.Node(11)
```

```
myTree = BinaryTree(theRoot)
```

```
myTree.root.setLeft(n1)
```

```
myTree.root.setRight(n6)
```

```
n1.setLeft(n2)
```

```
n1.setRight(n11)
```

```
n6.setLeft(n9)
```

```
n6.setRight(n5)
```

Q3.

```
1 def getHeight(self, node):    # Getting height with node argument - tree-wide implementation
2
3     if node is None:
4         return -1;
5
6     else: # Compute the height of each subtree
7         if node.left is not None:
8             lH = self.getHeight(node.left)
9         else:
10            lH = 0
11        if node.right is not None:
12            rH = self.getHeight(node.right)
13        else:
14            rH = 0
15
16        # Use the larger one
17        if (lH > rH):
18            return lH + 1
19        else:
20            return rH + 1
```