

Write 3
Node Classes
for BinTree
(Internal, Leaf, Empty)

```
Node.java - Eclipse IDE
Project Run Window Help

Git Staging Search Console LeafNode.java EmptyNode.java InternalNode.java x

10 | /**
11 |  * Internal node for bin tree contains two children and no data.
12 |  *
13 |  * @author mayam22
14 |  * @version October 2023
15 |  */
16 | public class InternalNode implements BinTreeNode {
17 |
18 |     /**
19 |      * Left child
20 |      */
21 |     private BinTreeNode left;
22 |     /**
23 |      * Right child
24 |      */
25 |     private BinTreeNode right;
26 |
27 |     /**
28 |      * Constructor
29 |      * @param left Left child
30 |      * @param right Right child
31 |      */
32 |     public InternalNode(BinTreeNode left, BinTreeNode right) {
33 |         this.left = left;
34 |         this.right = right;
35 |     }
36 |
37 |     /**
38 |      * Get left child
39 |      * @return Left child
40 |      */
41 |     public BinTreeNode getLeft() {
42 |         return left;
43 |     }
44 |
45 |     /**
46 |      * Set left child
47 |      */
48 |     public void setLeft(BinTreeNode left) {
49 |         this.left = left;
50 |     }
51 |
52 |     /**
53 |      * Get right child
54 |      * @return Right child
55 |      */
56 |     public BinTreeNode getRight() {
57 |         return right;
58 |     }
59 |
60 |     /**
61 |      * Set right child
62 |      */
63 |     public void setRight(BinTreeNode right) {
64 |         this.right = right;
65 |     }
66 | }
```

Reminder:
One-on-one meeting
at 1:30 (10 mins)

Hackstat Sensor: BuffTrans: EmptyNode.java --> InternalNode.java

Writable

Smart Insert

1:1:0

1:21 AM
10/13/2023