

C:\Users\Rich\Documents\NetBeansProjects\Lab08\src\BinaryTree.java

```
1 /**
2  * An interface for a binary tree, in which each node has
3  * at most two children.
4  * @author Goodrich, Tamassia, Goldwasser
5  */
6 public interface BinaryTree<E> extends Tree<E> {
7     /**
8      *
9      * @param p
10     * @return the position of p's left child (or null if no child exist)
11     * @throws IllegalArgumentException
12     */
13     Position<E> left(Position<E> p) throws IllegalArgumentException;
14
15     /**
16     *
17     * @param p
18     * @return the position of p's right child
19     * @throws IllegalArgumentException
20     */
21     Position<E> right(Position<E> p) throws IllegalArgumentException;
22
23     /**
24     *
25     * @param p
26     * @return the position of the sibling of p or null
27     * @throws IllegalArgumentException
28     */
29     Position<E> sibling(Position<E> p) throws IllegalArgumentException;
30
31 }
32
```

will be iterable since extends tree