

## Test.java

```
1 import java.util.Iterator;
2
3
4 public class Test {
5     public static void main(String[] args) {
6         //le but est de tester la LinkedBinaryTree ...
7
8         //création d'un arbre
9         LinkedBinaryTree<String> linkedBinaryTree = new
LinkedBinaryTree<String>("-",
10             new LinkedBinaryTree<String>("/",
11                 new LinkedBinaryTree<String>("+",
12                     new LinkedBinaryTree<String>("3", null, null), new
LinkedBinaryTree<String>("1", null, null)),
13                     new LinkedBinaryTree<String>("3",
14                         null, null)))
15                     , new LinkedBinaryTree<String>("+",
16                         new LinkedBinaryTree<String>("-",
17                             new LinkedBinaryTree<String>("9", null, null), new
LinkedBinaryTree<String>("5", null, null)),
18                             new LinkedBinaryTree<String>("2",
19                                 null, null))),
20                         new LinkedBinaryTree<String>("+",
21                             new LinkedBinaryTree<String>("X",
22                                 new LinkedBinaryTree<String>("3",
23                                     null, null),
24                                     new
LinkedBinaryTree<String>("7", null, null),
25                                     new
LinkedBinaryTree<String>("4", null, null))),
26                             new LinkedBinaryTree<String>("6", null,
27                                 null))));
28
29         Iterator<Position<String>> coucou =
linkedBinaryTree.positions().iterator();
30         while(coucou.hasNext()){
31             System.out.print(coucou.next().element());
32         }
33         //comparer avec la réponse qu'on est sensé obtenir :
34         System.out.println("\nla réponse attendu est :
\n3+1X3/9-5+2-3X7-4+6\nnous pouvons donc voir que ça fonctionne");
35         System.out.println(linkedBinaryTree.toString());
36     }
37 }
```

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```
32     }  
33 }  
34
```