

```
1 import java.io.*;
2 import java_cup.runtime.*;
3
4 /****
5 *
6 * Simplified test program for CSC 330 Assignment 4. This does what the full
7 * EJayInterpreterTest class does, but instead of constructing a parse tree for
8 * a call to the main method, it calls EJayInterpreter.eval on the statements
9 * part of the body of main method. In doing things this way, this simplified
10 * test program can test a version of the interpreter that does not have
11 * function calls implemented, but does do statements and expressions.
12 *
13 * This test program also dumps the parse tree and symbol table, prior to
14 * dumping the interpreter's execution memory.
15 *
16 */
17 public class EJayParserTest {
18
19     /**
20     * See the class comment for documentation.
21     */
22     public static void main(String[] args) {
23         TreeNode t;
24         try {
25             EJayParser parser = new EJayParser(
26                 new EJayLexer(new FileReader(args[0])));
27
28             parser.initSymbolTable(500);
29             tree = (TreeNodeList) parser.parse().value;
30
31             System.out.println(t);
32             System.out.println(parser.getSymbolTable());
33         }
34         catch (Exception e) {
35             System.out.println("Exception " + e);
36             e.printStackTrace();
37         }
38     }
39
40
41     /**
42     * Construct the parse tree to invoke the main method.
43     */
44     protected TreeNode buildMainCall() {
45         return new TreeNode2(
46             new
47
48
49     }
```