

```
1 package simpleexprlexer;
2
3 import org.antlr.v4.runtime.CharStream;
4 import org.antlr.v4.runtime.CharStreams;
5 import org.antlr.v4.runtime.Token;
6
7 import java.io.FileInputStream;
8 import java.io.IOException;
9 import java.io.InputStream;
10
11 import simpleexpr.SimpleExprLexer;
12
13 public class SimpleExprLexerTest {
14     public static void main(String[] args) throws IOException {
15         InputStream is = System.in;
16
17         String file;
18         if (args.length > 0) {
19             file = args[0];
20             is = new FileInputStream(file);
21         }
22
23         CharStream input = CharStreams.fromStream(is);
24         SimpleExprLexer lexer = new SimpleExprLexer(input);
25
26         for (Token token : lexer.getAllTokens()) {
27             System.out.println(token);
28         }
29     }
30 }
```