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package minijava;

import java.io.*;

import minijava.ErrorHandler.*;
import minijava.lexer.*;
import minijava.node.*;

public class Main1 {

    public static void main(String[] args){

        ErrorHandler errorHandler = null;

        try{
            if (args.length != 1) {
                System.err.println("Usage: java Main filename");
                System.exit(1);
            }

            String filename = args[0];

            if (!(filename.substring(filename.length()-5).equals(".java"))) {
                System.err.println ("Filename must have suffix .java");
                return;
            }

            String fileBaseName = filename.substring(0,filename.length()-5);

            Reader in = new FileReader(filename);
            errorHandler = new ErrorHandler(filename);

            Lexer l = new Lexer(new PushbackReader(in, 1024));

            Token t;
            do {
                t = l.next();
                System.out.println("Found token from " + t.getClass()
                                   + ".\n  Lexeme is " + t);
                // System.out.println(errorHandler.getLongMessage (...))
            } while (!(t instanceof EOF));
        }
        catch(LexerException e) {
            System.err.println(e);
            System.err.println(errorHandler.getLongMessage(e.getMessage()));
        }
        catch(Exception e){
            throw new RuntimeException(e);
        }
    }
}
```