• See Piazza for corrected bigtest & expected output

• Handling error cases

1. Multiple declarations
   List as
   Line: Name(error)

2. Undeclared identifiers
   Gather in separate table
   List as
   Name: Uses
   Sort by Name if you wish
Scanners as Character Matchers

Use Regular Expressions to Define Token Patterns
(See Proj #2 Def)

Use Finite Automata as Character Matchers:

Encode Finite Automata in Tables
Use Tables & Driver to Scan

JLex (Java Lex) Automates Process
- You Give Token Patterns
- It Generates Working Scanner