

- SEE PIAZZA FOR CORRECTED BIGTEST & EXPECTED OUTPUT
- HANDLING ERROR CASES
 1. MULTIPLE DECLARATIONS
LIST AS

LINE: NAME(ERROR)
 2. UNDECLARED IDENTIFIERS
GATHER IN SEPERATE TABLE
LIST AS

NAME: USES

SORT BY NAME IF YOU WISH

SCANNERS AS CHARACTER MATCHERS

USE REGULAR EXPRESSIONS TO
DEFINE TOKEN PATTERNS
(SEE PROT #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