

1 Tools Used:

1. Python (Libraries used):
 - (a) ply (Python - Lex - Yacc)
 - (b) graphviz
 - (c) dot
 - (d) argparse
2. make

2 Features Implemented:

1. All basic features as specified
2. do while statement
3. switch statement
4. interface
5. Support for Strings
6. import statements
7. package declarations
8. constructors
9. try catch
10. recursion

3 How to run:

make (for package install)

cd milestone1/src

python parse.py ./path/to/input.java [-output ./path/to/output] [-reduce]

use **-help** for more details