Compiler Project #2

0016302 Hsiang Yu, Yang

May 8, 2014

1 ENVIRONMENT

Operating System Fedora release 14 (Laughlin)

Kernel Linux 2.6.32.60 i686

2 MAKEFILE

```
CC=gcc
CFLAGS=-lfl

LEX=lex
YACC=yacc

YACC_TEST_DIR=input_yacc

all: y.tab.c lex.yy.c
        $(CC) lex.yy.c -ll -o scanner     # get scanner
        $(CC) lex.yy.c y.tab.c -ll        # get parser

y.tab.c: parser.y
        $(YACC) -d -v $<
```

```
lex.yy.c: lex.l
        $(LEX) $<

run:
        echo "" > result
        -@./a.out $(YACC_TEST_DIR)/decl.p >> result
        -@./a.out $(YACC_TEST_DIR)/err2.p >> result
        -@./a.out $(YACC_TEST_DIR)/err.p >> result
        -@./a.out $(YACC_TEST_DIR)/expr1.p >> result
        -@./a.out $(YACC_TEST_DIR)/statement.p >> result
        -@./a.out $(YACC_TEST_DIR)/test.p >> result

clean:
        @rm lex.yy.c scanner y.tab.* y.output a.out
```

3 MAKE & RUN

I am working under "Fedora", so I don't need "-ly" for gcc argument. Make sure to put them on if the program is run on other platform.

Make make

Test make run