Running Lex and Yacc Program in ubuntu

Easy Ways Guide to Run Lex and Yacc Programs on ubuntu.

This post will show you how to run Lex and Yacc programs easily on ubuntu 12.04

I have assumed that you have a working Ubuntu 12.04 LTS version installed on your system and the computer is connected to the network.

Ubuntu does not come installed with a lex and yacc compiler to do so install it first by
1. Opening the terminal
2. type - sudo apt-get install flex
3. enter your password

after installation of flex finishes
4. type - sudo apt-get install bison
5. enter your pasword.

Congratualtions Lex and Yacc have been installed on your system.

Running a Lex and Yacc program

for compiling a lex program
1. write the lex program in a file and save it as file.l (where file is the name of the file).
2. open the terminal and navigate to the directory where you have saved the file.l
3. type - lex file.l
4. then type - cc lex.yy.c -ll
5. then type - ./a.out

Your lex progam will be running now (provided it is correct).

for compiling lex and yacc together
1. write lex program in a file file.l and yacc in a file file.y
2. open the terminal and navigate to the directory where you have saved the files.
3. type lex file.l
4. type yacc file.y
5. type cc lex.yy.c y.tab.h -ll
6. type ./a.out