

## How to Compile & Run LEX / YACC Programs on Windows

If you are installing Ubuntu (or any Linux based OS) on your system either through Virtual Box or by making your system Multi-Bootable, just to execute your Lex & Yacc programs; then you might be wasting your HDD space & your valuable time. You can easily skip this annoying process and run your programs in Windows OS without any hassles.

Here's how you can do it:

Installing Software's:

- Download Flex 2.5.4a
- Download Bison 2.4.1
- Download DevC++
- Install Flex at "C:\GnuWin32"
- Install Bison at "C:\GnuWin32"
- Install DevC++ at "C:\Dev-Cpp"
- Open Environment Variables.
- Add "C:\GnuWin32\bin;C:\Dev-Cpp\bin;" to path.

### Compilation & Execution of your Program:

- Open Command prompt and switch to your working directory where you have stored your lex file (".l") and yacc file (".y")
- Let your lex and yacc files be "hello.l" and "hello.y". Now, follow the preceding steps to compile and run your program.

#### To Compile only the Lex file:

```
flex hello.l  
gcc lex.yy.c
```

#### To Compile both Lex & Yacc files:

```
flex hello.l  
bison -dy hello.y  
gcc lex.yy.c y.tab.c
```

#### To Execute the Program:

a.exe

Reference:

<http://www.surajgaikwad.com/2013/10/compile-lex-and-yacc-progs-on-windows.html>