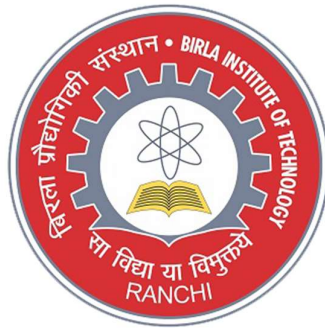


Birla Institute of Technology, Mesra,
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CD-Assignment

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Sec-CSE 6th

16. Write steps to install lex in windows environment.

Download : [Click here to download Flex for Windows 7/8/8.1/10/XP 32-bit || 64-bit](#)

Cautions/Precautions to be taken :

1. Make Sure you install the Package in any folder except “Program Files” / “Program Files (x86)” The Package won’t work if installed in Program Files.
2. The Windows Lex Version requires “%option noyywrap” , Please make sure this option is present , before you compile Programs.
3. The “-ll” and “-ly” arguments won’t work in Windows as they are not required in Windows Environments.
4. If the IDE Lags/Code doesn’t respond on compile command , Please re-run the FlexIDE as “Run as Administrator” .

Method to Run Programs through IDE

Case 1 : Only lex Programs need to be run and built and executed

- Click the compile lex button in the IDE.
- Click the build lex button.
- Click on Execute .

Alternate way through CMD

- Click on Execute CMD directly button in the IDE.
- Compile the Lex File by typing the command `lex <filename>.l`
- Build the Lex File by gcc/cc command in the CMD e.g `gcc lex.yy.c -o <executable name for program>`
- Execute the program by typing `<executable name for the program>.exe`
- **The -o <executable name for program>** parameter is optional, you can skip the said parameter by directly building by `gcc lex.yy.c` and then directly execute your program by typing `a.exe`

Case 2 : Both Lex and Yacc Programs together have to be linked and Compiled – Executed

- Compile the yacc program by the compile yacc button from the IDE.
- Compile the Lex program by compile lex button.

- Build the program by clicking the “lex-yacc” build button.
- Click on Execute button.

Alternate way through CMD

- Click on the Execute CMD button in the IDE.
- Compile Yacc file by typing command **yacc -dy <filename.y>**
- Compile the Lex File by typing the command **lex <filename>.l**
- Build the Lex File by gcc/cc command in the CMD e.g **gcc lex.yy.c y.tab.c -o <executable name for program>**
- Execute the program by typing **<executable name for the program>.exe**
- **The -o <executable name for program>** parameter is optional, you can skip the said parameter by directly building by **gcc lex.yy.c y.tab.c** and then directly execute your program by typing **a.exe**

The binaries are provided as it is , so they cannot contain any errors, However if you face any errors/problems while installing or running, do comment :) we will try to solve it . If you have any doubts/suggestions do leave them behind in comments :)

New to sequence for Activations—

“select the name.l -> click on Lex Compile -> click on Lex Build ->

-> select name.y -> click on Yacc Compile – click on Lex + Yacc Build ->

-> click Execute exe directly or Open CMD (typing the name)”