

# Assignment: Lab 5 CMINUS+ into YACC and LEX

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Date: Feb 28, 2024

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## Output Details:

1. Compiling the make file

```
arazzak@kraken:~/abdur_razzak/compiler/lab5> make
lex lab5.l
yacc -d lab5.y
lab5.y: warning: 1 shift/reduce conflict [-Wconflicts-sr]
gcc lex.yy.c y.tab.c -o lab5
```

2. Running the executable with given input file.

```
arazzak@kraken:~/abdur_razzak/compiler/lab5> ./lab5 < lab5test.c
Grad Student-break
Grad Student-continue
Param with value a on line 6
Param with value b on line 6
Grad Student-Function Prototyping: Fun_Declaration with value main on line 6
Var_List with value x on line 8
Var_List with value x on line 9
Var_List with value x on line 9
Param with value a on line 11
Param with value b on line 11
Param with value a on line 11
Var_List with value A on line 12
Var_List with value x on line 12
Var with value x on line 14
Var with value y on line 15
Var with value x on line 16
Var with value A on line 18
Call with value f on line 18
Var with value A on line 20
Call with value f on line 20
Var with value A on line 21
Call with value f on line 21
Var with value x on line 23
Var with value x on line 23
Var with value x on line 25
Var with value x on line 26
Var with value x on line 27
Fun_Declaration with value main on line 29
Fun_Declaration with value f on line 31
Var_List with value A on line 33
Var_List with value x on line 33
Var_List with value A on line 34
Var_List with value x on line 35
Var_List with value A on line 35
Var_List with value B on line 36
Var_List with value A on line 36
arazzak@kraken:~/abdur_razzak/compiler/lab5> □
```