Matthew Groover

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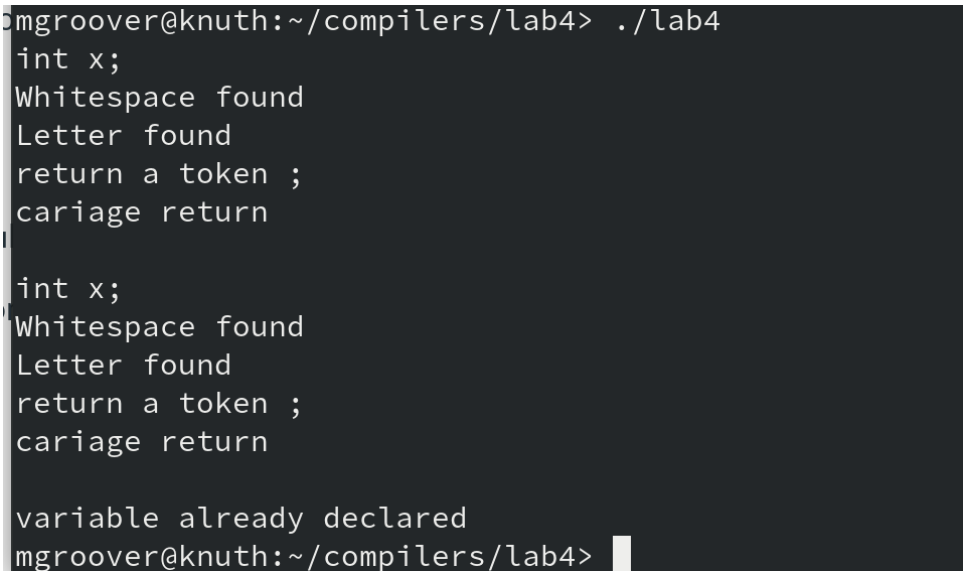
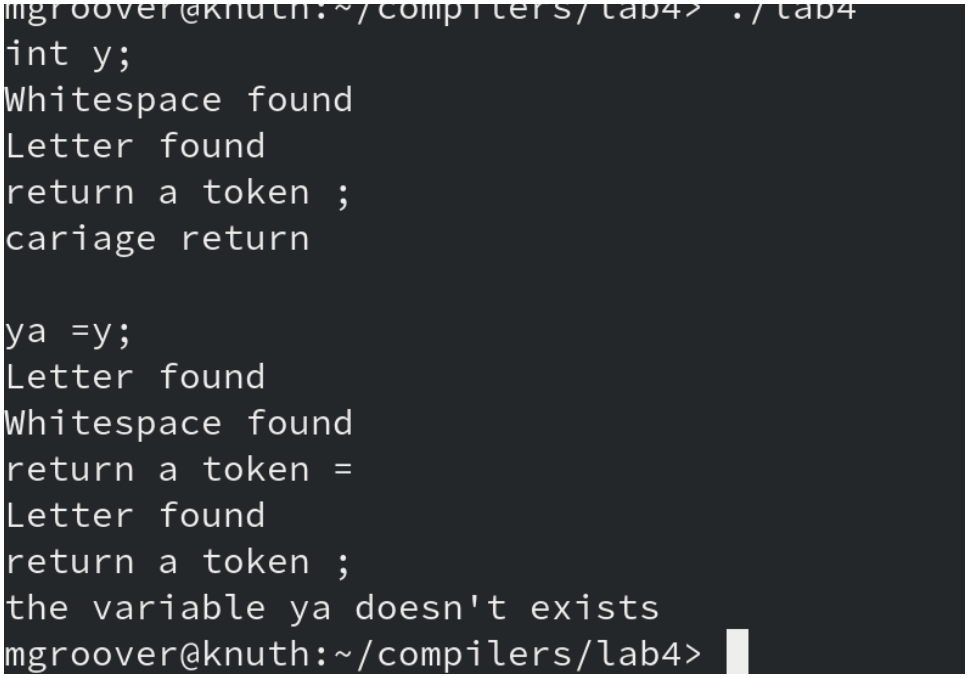
```
yacc -d lab4.y
lex lab4.l
gcc lex.yy.c y.tab.c symtable.c -o lab4
mgroover@knuth:~/compilers/lab4> ./lab4
int c;
Whitespace found
Letter found
return a token ;
cariage return

int y;
Whitespace found
Letter found
return a token ;
cariage return

int z;
Whitespace found
Letter found
return a token ;
cariage return

too many variable declarations
mgroover@knuth:~/compilers/lab4>
```

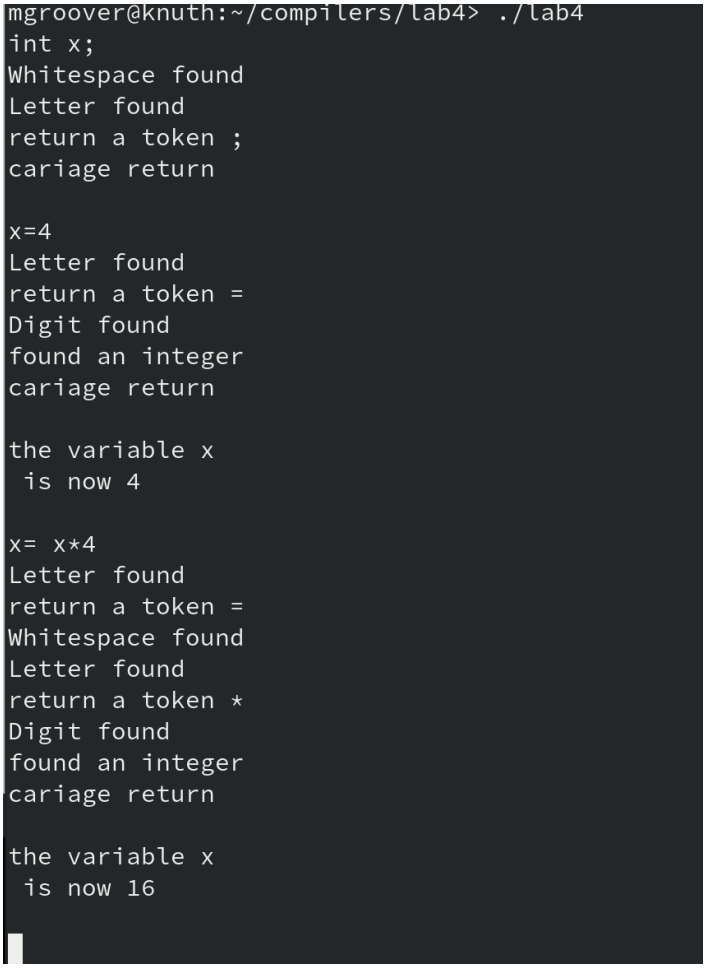
If too many variables are attempted to be insert



If I cannot declare a variable more than once



I can't use a variable that is not declared



Showing that the variable can be used on both the left and right hand side