

Santiago Flores
2/4/2020
Lab2.1

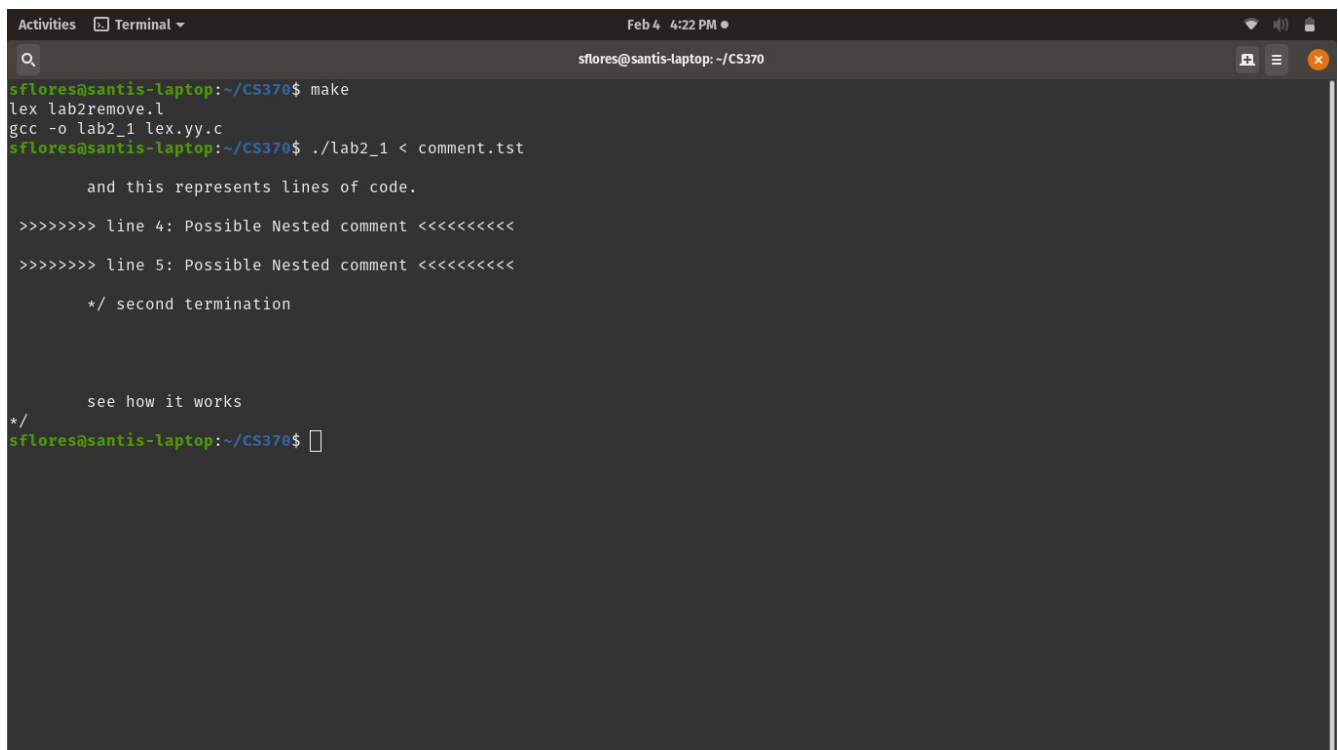
Changes made:

Added an int counter to count the lines of code starting at one. Using the counter anytime the program read a new line(\n) the lineCounter was incremented. lineCounter was added to the debug statement to show what line the error was detected.

Added code:

```
int comment = 0;
int debug=1; /* prints out debug statements if desired */
int lineCount = 1;
%}

%%
"/*" {
    if (comment && debug) fprintf(stderr,
        " >>>>>>> line %d: Possible Nested comment <<<<<<<<<\n", lineCount);
    comment = 1;
}
"\n" {
    lineCount++;
    printf("\n");
}
```



```
Activities Terminal Feb 4 4:22 PM
sflores@santis-laptop: ~/CS370

sflores@santis-laptop:~/CS370$ make
lex lab2remove.l
gcc -o lab2_1 lex.yy.c
sflores@santis-laptop:~/CS370$ ./lab2_1 < comment.tst

    and this represents lines of code.

>>>>>>> line 4: Possible Nested comment <<<<<<<<<

>>>>>>> line 5: Possible Nested comment <<<<<<<<<

    */ second termination

    see how it works
*/
sflores@santis-laptop:~/CS370$
```

Makefile:
#Santiago Flores
#Lab2.1 Makefile
#2/4/2020

all: lab2_1

lab2_1: lex.yy.c
 gcc -o lab2_1 lex.yy.c

lex.yy.c: lab2remove.l
 lex lab2remove.l