Eric Lo

Part 1

[elo@sol28 ~]\$ vim cisc3160_lab2_EricLo.1

```
146.245.252.28 - default - SSH Secure Shell
                                                                                      X
<u>File Edit View Window Help</u>
 Quick Connect Profiles
8{
#include <stdio.h>
#include "y.tab.h"
extern int yylval;
8}
88
[0-9]
         yylval=atoi(yytext);
         return NUMBER1;
. .
       return SPACEBAR1;
       return LAB1;
       return QUIZ1;
       return REFLECTION1;
"cisc3160_lab2_EricLo.1" 14L, 1950
                                                                            14,1
                                                                                         A11
                                          SSH2 - aes128-cbc - hmac-sha1 - nc 100x27
Connected to 146.245.252.28
```

[elo@sol28 ~]\$ vim cisc3160_lab2_EricLo.y

```
8
 #include <stdio.h>
 8}
 %token NUMBER1 SPACEBAR1 LAB1 QUIZ1 REFLECTION1
 lab_quiz_reflection_total: LAB1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMB
 ERI SPACEBARI NUMBERI SPACEBARI QUIZI SPACEBARI NUMBERI SPACEBARI NUMBERI SPACEBARI NUMBERI SPACEBAR
 1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 REFLECTION1 SPACEBAR1 NUMBER1
                SPACEBARI NUMBERI SPACEBARI NUMBERI SPACEBARI NUMBERI SPACEBARI NUMBERI
                          printf("Lab: %d\n Quiz: %d\n Reflection: %d\n Total: %d\n", ($3+$5+$7+$9+$
 11), ($15+$17+$19+$21+$23), ($27+$29+$31+$33+$35), ($3+$5+$7+$9+$11+$15+$17+$19+$21+$23+$27+$29+$31+
 $33+$35));
 99
 main()
   return(yyparse());
 yyerror(s)
 char *s;
  fprintf(stderr, "%s\n", s);
yywrap()
    return(1);
Connected to 146.245.252.28
[elo@sol28 ~]$ lex cisc3160_lab2_EricLo.1
[elo@sol28 ~]$ yacc -d cisc3160 lab2 EricLo.y
[elo@sol28 ~]$ cc lex.yy.c y.tab.c -o cisc3160_lab2_output_EricLo
Output
[elo@sol28 ~]$ ./cisc3160 lab2 output EricLo
L 3 3 3 3 3 Q 3 3 3 3 3 R 3 3 3 3
Lab: 15
 Quiz: 15
 Reflection: 15
 Total: 45
```

Connected to 146.245.252.28

Part 2

Which programming language(s) did you use for each of these problems?

I used lex and yacc for the problem

Why did you choose a particular language?

I used lex and yacc because it can be used for the problem

Was there any difficulty or ease with using that language for solving the problem?

It was difficult to learn how to solve the problem

If you had to solve the problem again, would you choose a different language?

I would choose the same language