

## Part 1

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

[illegible]

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

```

%{
#include <stdio.h>
%}
%token NUMBER1 SPACEBAR1 LAB1 QUIZ1 REFLECTION1
%%
lab_quiz_reflection_total: LAB1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMB
ER1 SPACEBAR1 NUMBER1 SPACEBAR1 QUIZ1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR
1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 REFLECTION1 SPACEBAR1 NUMBER1
SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1 SPACEBAR1 NUMBER1
{
    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));
}
%%
main()
{
    return(yyparse());
}
yyerror(s)
char *s;
{
    fprintf(stderr, "%s\n", s);
}
yywrap()
{
    return(1);
}

```

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```
[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 3
Lab: 15
Quiz: 15
Reflection: 15
Total: 45

```

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## 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