Lab Credit

1 showing up

2 participation (Lab 1)

1 check off (survey, PL Lab 1)

- due w/problem set

```
[jpolitz@ieng6-202]:10-01-w1w-strings:511$ pwd
/home/linux/ieng6/CSE29_FA25_A00/public/lecture/10-01-w1w-strings
[jpolitz@ieng6-202]:10-01-w1w-strings:512$ [
```

Use : ferm to open terminal in

Use Ctrl-W Ctrl-W to Switch
panes (hold Ctrl, W twrce)

```
[jpolitz@ieng6-202]:10-01-w1w-strings:497$ ls
strings.c
[jpolitz@ieng6-202]:10-01-w1w-strings:498$ gcc strings.c -o strings
[jpolitz@ieng6-202]:10-01-w1w-strings:499$ is
strings
         strings.c
[jpolitz@ieng6-202]:10-01-w1w-strings:500$ ./strings.out
bash: ./strings.out: No such file or directory
[jpolitz@ieng6-202]:10-01-w1w-strings:501$ ./strings
Hello everyone.[jpolitz@ieng6-202]:10-01-w1w-strings:502$
    Strings in C
    a C string is an array of
     Characters (char datatype) ending
      in a O byte
    char s[] = "Hello";
    s is an array containing { It', e', l', l', o', o}
   [jpolitz@ieng6-202]:10-01-w1w-strings:505$ gcc strings.c -o strings
[jpolitz@ieng6-202]:10-01-w1w-strings:506$ ./strings
   H 72
e 101
   1 108
   1 108
   o 111
   [jpolitz@ieng6-202]:10-01-w1w-strings:507$
   #include <stdio.h>
   int main() {
  char s[] = "Hello";
```

for(int i = 0; i <= 5; i += 1) {
 printf("%c %d\n", s[i], s[i]);
}</pre>

printf("\n");

```
[jpolitz@ieng6-202]:10-01-w1w-strings:509$ gcc strings.c -o strings
[jpolitz@ieng6-202]:10-01-w1w-strings:510$ ./strings
length of s: 5
length of s2: 14
[jpolitz@ieng6-202]:10-01-w1w-strings:511$
Kedu:/home/linux/ieng6/CSE29_FA25_A00/public/lecture/10-01-w1w-strings] 1,1
                                                                                                                     Top
#include <stdio.h>
int length(char s[]) {
  int index = 0;
  int size = 0;
while(s[index] != 0) {
     index += 1;
     size += 1;
  return size;
int main() {
  char s[] = "Hello";
  char s2[] = "What is going \0 on";
  printf("length of s: %d\n", length(s));
printf("length of s2: %d\n", length(s2));
printf("\n");
```