



161-01

Testing

Monday September 23

Agenda

0. Announcements

1. Problem C on Functions Lab

2. Discussion

3. Lab

Announcements

Homework 3

- Due tonight
- Any questions?

Lab Report 3

- Due before class today

Token Events?

Quiz Wednesday

- Functions
- Models of Computation
- Testing

Go to the mentor session tomorrow evening to study!



Exam 1

- Next Wednesday!
- Covers material through week 4 (this Friday)



- 6 problems
- You may prepare and use a single sheet of notes. (Turned in w/exam)



- I'll give you some practice problems by Friday
- Next Monday you can ask questions

Functions Lab

```
1 #include <stdio.h>
2 #define LENGTH 10
3
4 // Add one to a value
5 void incrementValue(int v) {
6     v++;
7 }
8
9
10 int main() {
11     int values[LENGTH] = {21, 4, 18, 4, 8, 15, 16, 23, 42, 57};
12
13     for(int i=0; i<LENGTH; i++) {
14         incrementValue(values[i]);
15     }
16
17
18 }
```

Discussion

Testing

1. What are pre-conditions?
2. What are post-conditions?
3. What is the purpose of testing?

Any questions from
the reading?

Lab



Wrap up



For next time:

- Study for the quiz
- Reading on Integer

Representation posted on the
website