

Please take a seat with some space in between you and the next person. Put everything away except for a writing utensil.

161-01

Ownership

Wednesday November 20

Agenda

0. Quiz
1. Announcements
2. Discussion
3. Lab

Quiz



Announcements

Candidate talk
today!!

Noon, HSSC 1325

Other token
events?

No new
homework today

Last homework
will be assigned
after
Thanksgiving
break.

Discussion

ownership

1. What can we tell about the two functions below based on their declarations?

```
void fun1(int values[], size_t len);  
void fun2(const int values[], size_t len);
```

2. What is the difference between **owning** and **borrowed** pointers to memory?



Discussion

ownership

Consider the declaration of strcpy:

```
char* strcpy(char* dst, const char* src);
```

1. Can strcpy modify the memory pointed to by dst?
2. Can strcpy modify the memory pointed to by src?
3. Does strcpy take ownership of dst?
4. Does strcpy take ownership of src?
5. Does strcpy return an owning pointer?



Questions about
the reading?

Lab



Wrap up

For next time:

- Read textbook section 17.5

