

161-01

Pointers to Functions

Monday December 9

Agenda

0. Announcements

1. Discussion

2. Lab

Announcements

- Homework 8 due tonight
 - Questions?
- Lab Report 13 was due before class
- Final Exam: Tuesday December 17,
 - 9am – 10:20am
 - Single sided notes sheet
 - Practice Problems.... Coming soon? Already available?
- More candidate talks (token eligible):
 - Tuesday Dec 10 at 12pm
 - Thursday Dec 12 at 4pm
 - Tuesday Dec 17 at 12pm

Discussion

Pointers to Functions

1. What types of values can we assign to a function pointers?
2. What operations can we perform on a function pointer variable?
3. Come up with a use case for a function pointer.

Discussion

Deciphering C Function Pointer Types

1. `void (*a)();`
2. `void (*b)(int);`
3. `int (*c) (int);`
4. `char* (*d)();`
5. `typedef void (*void_fn_t)();`
`void_fn_t e;`

Lab



Wrap up



For next time:

- Reading for Wednesday is documentation for an API we will use on Wednesday
- Turn in Homework 8 and Lab Report 13