



161-01

Abstract Data Types

Monday December 2

Agenda

0. Quiz Feedback

1. Announcements

2. Discussion

3. Lab

Quiz Feedback



Announcements

Quiz Wednesday

Final quiz!

- Linked List Variations
- Abstract Data Types

Mentor Session tomorrow

Study for the quiz!

Week 12 lab report

Deadline extended to Wednesday

Final Exam

- Tuesday December 17
- 9am – 10:20am
- In this room
- Focus: Weeks 11-14
- You may bring a notes sheet

Discussion

Abstract Data Types

1. What is an interface, and where do we write one in C?
2. Why do we use abstract datatypes when building software?

Discussion

Preparing for our lab today

Suppose we're building a list of strings, and we're going to use an array to store the data.

```
typedef struct string_list{  
    // what goes here?  
  
} string_list_t;
```

Discussion

Preparing for our lab today

Suppose we're building a list of strings, and we're going to use an array to store the data.

```
typedef struct string_list{
    // what goes here?

} string_list_t;

void string_list_init(string_list_t* lst){
    // what goes here?

}
```

Questions?

Lab



Wrap up



For next time:

- Study for the quiz
- No new reading
- Get Lab Report 12 submitted