CS 202 - Review Session 08

Agenda
1. Lab 5 Overview
   - 1.1 File System
   - 1.2 Inode Data Structure
   - 1.3 Source Code
2. Debugging
3. Q & A

1. Lab 5 Overview

1.1 File System

File: collection of data
   can contain text, images, etc.
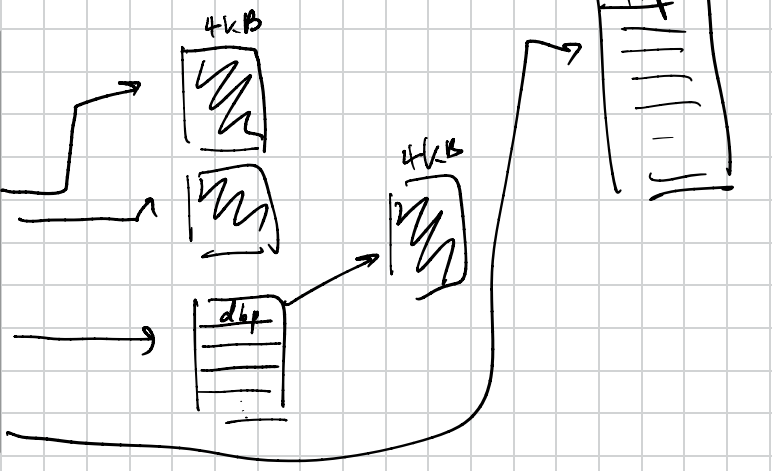
Filename: a string used to identify + locate files in a <u>user-friendly way</u>.

Directory: special <u>file</u> which contains other files.

1.2 Inode Data Structure

4KB

| metadata |
| name, |
| perm, etc. |
| direct   1 |
| blocks   2 |
| : |
| 10 |
| indirect ptr |
| double |
| indirect ptr |

4kB

4kB

4kB

ibp

dbp

Where is all of this in the lab code?