Intro

- Main rule: don't make it harder for speakers or listeners to concentrate on the lecture

- Attendance is taken

- 10 practicals (week 2 to 11 inclusive)

  - should know by next week

- CA will be lab assignments

- enrol via Moodle

Subject

- More about the realities of doing software development, etc. than the programming itself

- Java project management

- Advanced Java programming

- The amount we're supposed to cover is unrealistic, so we'll cover what we can

Tools

- We'll be using Java 8 (Java 9 isn't ready yet)

  - Standard edition

- Any professional java programming is probably going to require you to use an IDE (sometimes a specific IDE)

Deployment Pipeline

- Develop

  - IDE

- Manage

  - Version control

- Build and Test

  - Integration server

* e.g. CI

* won't really look at this

- Deploy

  1. Development environment

  2. Testing environment

  3. Production environment

In parallel we've got testing tools (JUnit) and build automation (maven/gradle).

- build automation can tie into the integration server

Programming

Teams

- probably won't be developing solo

- teams can be complex

[...]

Idioms

- Java idioms: http://c2.com/cgi/wiki?JavaIdioms (may not still exist)