

CM1015 SOFTWARE DESIGN AND DEVELOPMENT

Lecture 0

Housekeeping

What is this course about?

- This course is about programming.
- Programming is not just the writing of computer programs it also includes:
 - Design
 - Implementation
 - Testing
 - Debugging
- We will look at 2 languages:
 - JavaScript (for most of semester 1)
 - Java (from before Christmas till the end)

Course Structure

- Lecturing Staff
 - John Isaacs (N432)
 - Roger McDermott (N432)
- Labs
 - Mark Zarb (N432)
 - Blessing Mbipom (N427)
- Two sessions:
 - Tuesday 0900 – 1000 (N117) followed by 1000 – 1200 (N533)
 - Thursday 0900 – 1000 (ABS221) followed by 1000 – 1100 (N533)

Textbook

- The textbook that we will be using for the first part of the course is Eloquent JavaScript by Marijn Haverbeke.
- You can get a free printable version of this from the website <http://eloquentjavascript.net>
- There is also an on-line HTML version which allows you to run example code from the text (and edit it & run again)

Assessment

- You will have one assessment on JavaScript and 2 assessments on Java. The first of these will take place in weeks 8 of semester 1.
- In addition to the summative assessments you will be given some formative assessment. This will take the form of feedback on programming exercises done during the labs.
- Your grades from the assessments will be aggregated to give an overall grade for the module.

Advice

- Programming is one of the core subjects that you will study and.....
- You will be assessed regularly so.....
- You must put extra effort in to keep up with the module
 - If you miss any lectures you need to go through the material on Moodle
 - Any exercises you don't complete in class you need to complete before the next class
 - Ask for advice (and not 5 minutes before an assessment!)
 - You can always find extra examples in the textbook (or other textbooks – there are lots in the library!)
 - You can do the lab exercises more than once! Doing the exercises a few days after you've first done them will give you a good measure of how well the material is sinking in.

Computing Academic Support Centre

- The school has a drop-in clinic for help with academic issues – including programming.
- CASC is available between 9-5 each day and there should be a member of staff there who can help with JS or Java related queries.
- In particular you will find us in CASC at the following times:
 - Roger – Tuesday 11:00 – 12:00, Thursday 11:00 – 12:00