Coursework is one increment.

Coursework case study similar to software engineering (SmartFridge)

Coursework deadline is 11th November

Coursework is only three questions

First question can be done now, it is a sequence diagram

Exam in January

Tomcat = container for creating web applications

JMeter = tool for viewing response time on web applications

HD images on web introduces extra time for waiting

Visual |paradigm takes 3rd party software and reverses it

UML current version = 2.5.1

Android written in JAVA but under it is actually C/C++

Object orientation = communicating objects in software

Efficient software = less memory or less time or less power

Analysis = build diagrams, discover what is captured is sufficient

Design = efficiency + solution domain

Analysis = what system does

Design = how system does it

Use models because human brain has limit to understanding

All models are wrong, but some are useful

Capture essence, ignore details

Convergent engineering = unintended consequences after introducing new software

Model: What is the system?

Where are the boundaries of the internet?

When modelling, always draw boundary first

Point of models = complexity

Grady Booch = one of three who globalised UML in 1997

30% of software projects completed successfully

Main reason for fail: poorly captured requirements

UML improve productivity

UML not a methodology

Containment = one class in another

Realisation = interface + implementation class

UML has 2 types of diagrams

Structure diagrams + behaviour diagrams

Business process = glorified activity diagrams

Artefact = software/data files to be executed

Outcome is still specification