

Database Technology

COM2060 / COM6420

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The Notes

- The notes
 - The first few weeks are on the web page
 - Campus Only access
- Textbooks
 - Don't buy one yet
 - There is a list on the web page

The Timetable

- Lectures are on Wednesday at noon and Friday morning.
- The Problem Class is on Friday morning after the lecture.
- With no break.

Problem Classes

- Start straight after the Friday lecture
- Are based on the previous week's lectures
- The first one will be on Friday 7 October

Problem Sheets

- Print out the Problem Sheet from the web and bring it to the problem class.
- www.dcs.shef.ac.uk/~sdn/teaching/databases/problems.html
- I will not put solutions on the web

Assessment

- A two hour examination
- Nothing else

Databases Store Data

- To provide useful information in a useful form
- For no other reason

Databases are

- Large
- Changing
- Organised
- Stored on a Computer

Databases evolved from

- 1880s Punched Cards
- 1940s Computers
- 1950s Magnetic Tape
- 1960s COBOL and IMS
- 1970s CODASYL and Codd

Relational Databases

- Took over the world in the 1980s
- Were the basis of Distributed Databases
- Were challenged by Object Oriented Databases
- Are the basis of Databases in the WWW