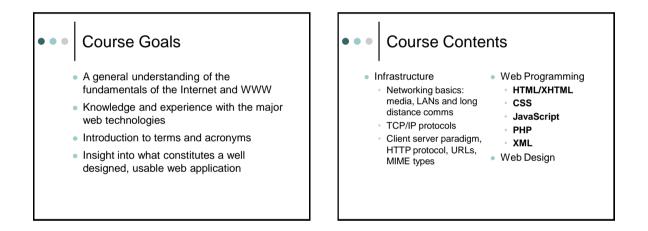
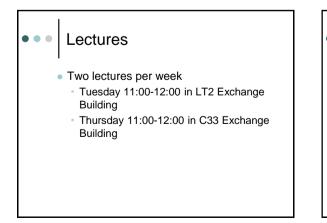
## G51WPS Web Programming and Scripting

Boriana Koleva Room: C54 Phone: 84 66530 Email: bnk@cs.nott.ac.uk

# Introduction

- Module goals, structure and contents
- Practical matters
- Initial introduction to some key ideas and issues, historical context





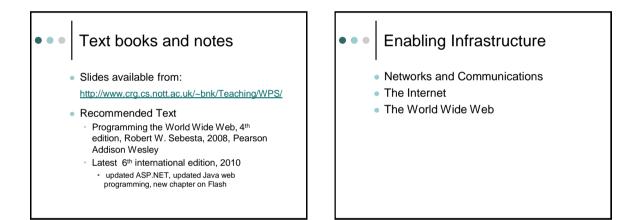
# Assessment Coursework - 25% Web application programming + report Set: 17 February Due: 30 March Mark + feedback: 4 May Exam - 75% Two hour written examination Previous papers (+ sample exam paper) useful for revision

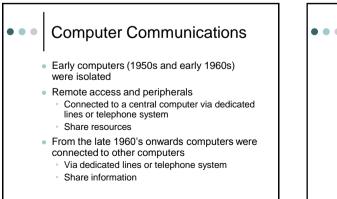
### Labs

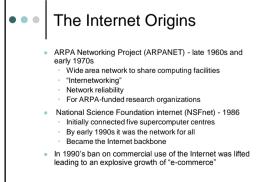
- 5 labs
  - Monday 10:00-12:00 in A32 Computer Science Building
  - Not every week!
- 4 informal exercises to gain experience with web technologies and 1 session for assistance with coursework

## ••• Lab Schedule

- Lab 1: 14 February HTML
- Lab 2: 21 February HTML and CSS
- Lab 3: 28 February JavaScript
- Lab 4: 14 March PHP exercise
- Lab 5: 21 March assistance with formal coursework







#### 2

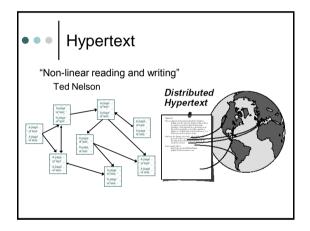
# The Internet and the WWW

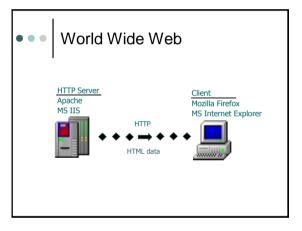
- The WWW is one service running over the Internet - it is not synonymous!
- Before the WWW

- The Internet was used by scientists, researchers, large (usually governmental) organisations, and amateur enthusiasts
- Commerce on the Internet was almost unknown
- The WWW is now the major conduit to the Internet and the major vehicle for ecommerce, but this is not what it was designed for!

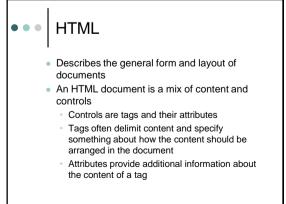
# •• The WWW

- Allows a user anywhere on the Internet to search for and retrieve documents
- 1989 WWW proposal by group led by Tim Berners-Lee at CERN
- Late 1990 prototype implemented on NeXT
- 1991 WWW released to the rest of the world
- Documents in the form of hypertext









## • CSS

- A language for defining stylesheets that was developed for HTML
- Provide the means to control and change presentation of HTML documents
- Style sheets allow you to impose a standard style on a whole document, or even a whole collection of documents

# • XML

- A meta-markup language
- Used to create a new markup language for a particular purpose or area
- Because the tags are designed for a specific area, they can be meaningful
- No presentation details
- A simple and universal way of representing data of any textual kind

