

## Practical 1, independent study and reading

### Group work preparation of 'glossary' content to be used for Web page development.

Produce a glossary explaining the meanings of the commonly used terms and abbreviations listed below.

This will be used during next and later weeks as content for HTML and CSS development.

Each explanation should be brief (generally 1-2 sentences) but sufficiently descriptive (i.e. beyond bare definition) to convey meaning to a non-technical audience. Sources (e.g. howstuffworks, Moseley 2007, W3C, w3schools, Wikipedia) should also be recorded.

1. Your first task is to form groups of 3-4 individuals.
2. Next, discuss between and within groups how responsibilities should be divided so that a selection of the following terms and abbreviations (say five per group member) are addressed during this exercise.
3. *Group* members should post draft explanations using one of the following: email; a VLE; other common document exchange application (e.g. Google Docs). Do **include images where appropriate**, e.g. a diagram of the HTTP request-response cycle. Do check that any you use are 'royalty free' and have no other obvious restrictions.
4. Explanations of terms should be considered by groups as to whether they are clear to all members of the group, before agreeing finalised versions.
5. Please complete this exercise before we meet again next week.

Terms to be considered are:

AJAX	GIF	PNG	URI
Apache	HTML & XHTML	RSS	URL
Blog	HTTP	SEO	Webbot
Crawler/bot/spider	IMAP	SFTP	Wiki
CSS	JavaScript	SMTP	W3C
Cloud Computing	JPEG	SSH	Web 2.0
DSL/ADSL	JSON	SSL	Webmail
DHTML	jQuery	SVG	WinSCP
DNS	KML	TCP/IP	XML
DOM	NAT	Telnet	XSL
Firewall	Podcast	TLS	Y2000 bug
FTP	POP3	UDP	ZIP

### Reading

Chapter 1 in - **Moseley R (2007) Developing Web Applications. John Wiley.** This covers many (but not all) of the above terms. However, there are many alternative texts and Web-based sources.