

Week 1

Sunday

- ✔ Simple Introduction about the course and the class management
- ✔ Approach of teaching

Course Description

- LO1 Explain server technologies and management services associated with hosting and managing websites.
- LO2 Categorise website technologies, tools and software used to develop websites.
- LO3 Utilise website technologies, tools and techniques with good design principles to create a multipage website
- LO4 Create and use a Test Plan to review the performance and design of a multipage website.

LO1 Infrastructure

Hardware setup

- Ethernet cards
- Wireless cards
- Ethernet cables
- Hub/Switch/Router

Networking

Software Protocol TCP/IP

IP Address

Versions

- IP v4 4 bytes 192.168.1.10
- IP v6

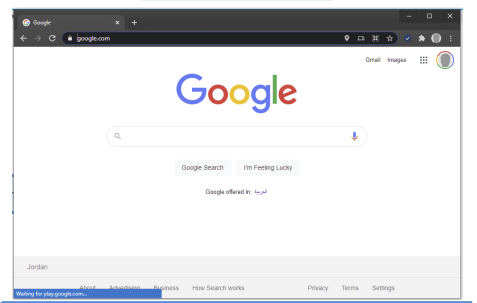
How assigned

- Static
- Dynamic Assigned by DHCP server

Could have an alias

- DNS Name
- Provided by DNS Server

Tuesday



Browser

Products

- Chrome
- Internet Explorer
- Safari
- Firefox

Components

- Title
- Address bar enter dns name (Domain Name) google.com
- Body

Services

Domain Name (DNS Name) GoDaddy

Internet to access a website

When entering the domain name in the browsers DNS Lookup to get the IP address from the domain name

To publish a website

- Develop website
- Reserve Domain Name
- Reserve hosting
- Publish my website to a web server
- then I will be able to access my website from the browser

To upload files

FTP protocol File Transfer protocol