Online Environment

1. Internet and World Wide Web

The World Wide Web exists as part of the Internet, and is accessed using the HTTP protocol. Things on the Internet that are not (or often not) part of the World Wide Web include online gaming, email (SMTP, POP), remote computer login, file transfer protocol (FTP), etc.

Ensure you know the workings of TCP/IP

1.1 Features of the World Wide Web

1.2 Domain Name System (DNS)

Domain name, Uniform Resource Locator (URL), IP address

1.3 Client-Side Scripting

JavaScript; what are the capabilities?

1.4 Server-Side Scripting

How is it used?

2. Operating Online

2.1 Individuals and Organizations

2.2 Security and Personal Data

2.3 Digital Footprint

3. Online Communities

4. The Cloud

4.1 Cloud Storage

4.2 Cloud Computing