**NAME: ENIOLA OSABIYA**

Assignment based on Session 1

1. Know about the various HTTP status codes

2. What are PORTS, IP ADDRESSES and PROTOCOLS

3. Networking devices such as Routers, Switches.

4. What are Firewalls and how are they different from Anti Virus Softwares

5. How HTML, CSS and JavaScript work together in the process of building/developing a Website / Web Application?

**Answer**

1. 1xx informational response: the request was received, continuing process

2xx successful: the request was successfully received, understood, and accepted  
 3xx redirection: further action needs to be taken in order to complete the request  
 4xx client error: the request contains bad syntax or cannot be fulfilled  
 5xx server error: the server failed to fulfil an apparently valid request.

1. Ports: A port refers to the part of a computing device available for connection to peripherals such as input and output devices like printers, etc.  
    IP Address: IP address stands for internet protocol address; it is an identifying number that is associated with a specific computer or computer network.  
    Protocols: A protocol/network protocol is an established set of rules that determine how data is transmitted between different devices in the same network.
2. Router: A router is a networking device that forwards data packets between computer networks.  
    Switches: A network switch (also called switching hub) connects devices (such as computers, printers, wireless access points) in a network to each other, and allows them to ‘communicate’ by exchanging (receiving & forwarding) data packets.
3. A firewall has the capability of preserving both the software and hardware on the network while an antivirus protects other software as it as an impartial software.
4. HTML (Hypertext Markup Language): An HTML file contains the structure of the page itself. It is kind of like the structure of the building. (The Body, describes and defines, Tells the browser what to display)  
    CSS (Cascading Style Sheet): A CSS file contains the styling of the page. It allows you to change colors, positioning and more. It is kind of like the design of the building itself. (Gives style and structure to the content, link the CSS file to the HTML so that style can be added to the website, tells the browser how to display)

JAVASCRIPT: A JavaScript file determines the dynamic and interactive elements on the page. It determines what happens when users click, hover, or type within certain elements. This is kind of like the functionality of the building. (The body’s ability to perform actions, Behavior of the website, used for interactive functionality, allows for the user to interact with the browser).