**MODULE 1 – FOUNDATION**

**Q-1: What is a HTTP?**

**Ans:- HTTP (HyperText Transfer Protocol)** is a protocol used for transferring data on the web. It allows web browsers and servers to communicate and exchange information, such as loading web pages, images, and other content.

**Q-2: What is a Browsers? How they works?**

**Ans:-** A web browser is a software application used to access and view websites on the internet (e.g., Chrome, Firefox, Safari).

* **How Browsers Work:**

1. User enters a URL (like [www.google.com](http://www.google.com)).
2. Browser sends a request to the web server using HTTP/HTTPS.
3. The server responds with HTML, CSS, JavaScript, etc.
4. The browser interprets and renders the content into a visual webpage.
5. It also handles user interactions, loads images, runs scripts, and more.

**Q-3: What is Domain Name?**

**Ans**:- Domain Name is the human-readable address of a website that you type into a browser, like google.com or facebook.com.

It replaces the website's numerical IP address (like 142.250.183.206) with an easy-to-remember name, making it simple for users to access websites.

**Q-4: What is hosting?**

**Ans:-** Hosting is a service that allows you to store website files (like HTML, images, and code) on a server so that your website can be accessed online.

When someone types your domain name in a browser, the hosting server delivers the website content to their device. Hosting is essential for making a website live on the internet.