



ASSIGNMENT

HTML



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TOPS

NIKOL – AHMEDABAD

Part - 1

Module 1 – Foundation

THEORY EXERCISE:

1) What is a HTTP?

- HTTP (Hyper Text Transfer Protocol) is a protocol used for transferring and receiving data over the web. It defines how messages are formatted and transmitted between a client (usually a web browser) and a server.
- HTTP is the foundation of any data exchange on the Web, and it is used to load web pages and resources like images, videos, and other files.

2) What Is a Browsers? How they Works?

- A browser is a software application that allows users to access, retrieve, and view content from the web.
- Browsers are responsible for rendering HTML documents, executing scripts (like JavaScript), and displaying media.
 - How Browsers Work:
 1. User Request
 2. DNS Resolution
 3. Server Response
 4. Rendering
 5. User Interaction

3) What is Domain Name?

- A Domain Name is a human-readable address used to identify a website on the internet.
- It is part of the URL and points to an IP address of a server hosting the website.
- Structure:
 - A domain name is typically structured like this: `www.example.com`
 - Top-Level Domain: `.com`, `.org`, `.Edu`, etc.
 - Second-Level Domain: `example`
 - Subdomain: `www`

4) What is Hosting?

- **Web hosting** is the service that allows individuals or organizations to store and publish their website's files on the internet.
- When you create a website, it consists of various files (HTML, images, CSS, scripts, etc.) that need to be stored on a server.