**Web Browsers**:

Allowing **users** to interact with the World Wide Web (**WWW**) - They help fetch, display, and navigate web pages and other online resources.

**Software Application**:

A computer program that provides a **specific service or solves** a particular problem for **users**.

**Features**:

**User Interface**: Menus, address bar, tabs, and navigation tools are designed for user interaction (**human-computer interaction**).

**Specific Functionality**: Browsers interpret (**Translate to communicate**) and render web content, such as HTML, CSS, JavaScript, and media files.

**User-Driven**: They require user input (like **U**niform **R**esource **L**ocator or search queries) to perform their tasks.

**Examples**:

Google Chrome – Mozilla Firefox – Microsoft Edge – Safari – Opera.

**How Browser Works**?

**­­User Input**: User enter a **URL** in browser’s **address bar**.

**DNS Resolution**: Browser converts **URL** to **IP Address** using **D**omain **N**ame **S**ystem.

**HTTP/HTTPS Request**: **Browser** sends request to **S**erver **H**osting the websites.

**Server Response**: Now **Server** send back requested **data** (HTML, CSS JavaScript, etc.).

**Rendering**: **Browser** processes and displays data as **Functional Webpage** (To function from one web page to many options.