**Developer Console**

This page explains **Developer Tools (DevTools)** in browsers, which help debug and analyze JavaScript code.

**1. What are Developer Tools?**

* Built-in tools in browsers like Chrome, Firefox, and Edge.
* Help developers inspect, debug, and optimize websites.

**2. How to Open DevTools?**

* Press **F12** or **Ctrl + Shift + I** (Windows) / **Cmd + Opt + I** (Mac).
* Right-click on a webpage → Click **Inspect**.

**3. Important DevTools Features**

* **Elements Tab** – View and edit HTML & CSS in real time.
* **Console Tab** – Run JavaScript commands and debug errors.
* **Sources Tab** – View and edit JavaScript files, set breakpoints for debugging.
* **Network Tab** – Analyze requests, check loading speed, and fix slow pages.
* **Performance Tab** – Optimize website speed and performance.

**4. Why Use DevTools?**

* Helps find and fix JavaScript errors.
* Allows testing and modifying web pages live.
* Useful for analyzing website performance and debugging network requests.

**Insights**

DevTools are essential for debugging and optimizing JavaScript. The **Console** is great for quick tests, while **Elements** and **Network** help analyze and improve web pages.