

# Chapter 1 — Introduction to HTML and the Web

## Chapter Overview

This chapter builds a **deep and clear foundation** for beginners. Instead of rushing into code, we first understand **what the web is, why HTML exists, and how everything works together**. This approach helps learners avoid confusion later and makes future chapters much easier.

By the end of this chapter, you will:

- Understand the World Wide Web in simple terms
  - Know exactly what HTML is and why it is used
  - Understand how browsers read and display HTML
  - Clearly know the limits of HTML
  - Feel confident and motivated to start coding
- 

## 1.1 Understanding the Internet vs the World Wide Web

Many beginners think the **internet** and the **World Wide Web** are the same thing, but they are not.

### Internet

The internet is a global network of computers connected to each other. It allows data to travel from one computer to another.

### World Wide Web

The World Wide Web (WWW) is a service that runs **on top of the internet**. It allows us to access websites using browsers.

In simple words:

- Internet = roads and highways
- Web = cars, buses, and delivery vehicles using those roads

HTML is used to create **web pages**, which are part of the World Wide Web.