

Building Web Applications with MERN Stack

Presented by Divya G Niranjana

{.js}
JavaScript



COURSE PLAN

DAY 1

HTML



Introduction to the
Web and HTML Basics

DAY 2

CSS



CSS basics & Tailwind CSS

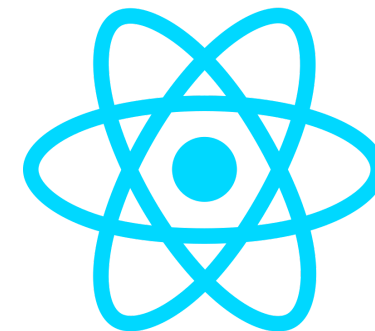
DAY 3

JS



JavaScript Basics

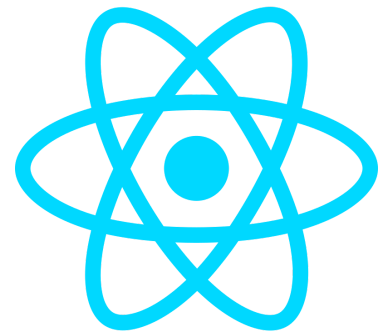
DAY 4



Introduction to React

COURSE PLAN

DAY 5



Deeper dive into React
using Flowbite

DAY 6



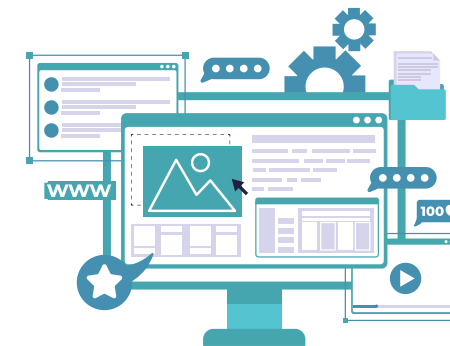
Basics of ExpressJS

DAY 7



Working with
MongoDB Atlas

DAY 8



Integrating Frontend
and Backend

COURSE PLAN

DAY 9



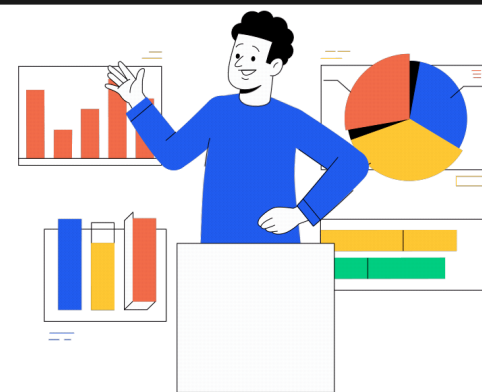
Building a Production Level Authentication System

DAY 10



Deploying the web application on Digital Ocean App Platform

DAY 11



Project Presentation

What is INTERNET?



INTERNET IS THE INFRASTRUCTURE THAT CARRIES INFORMATION LIKE:

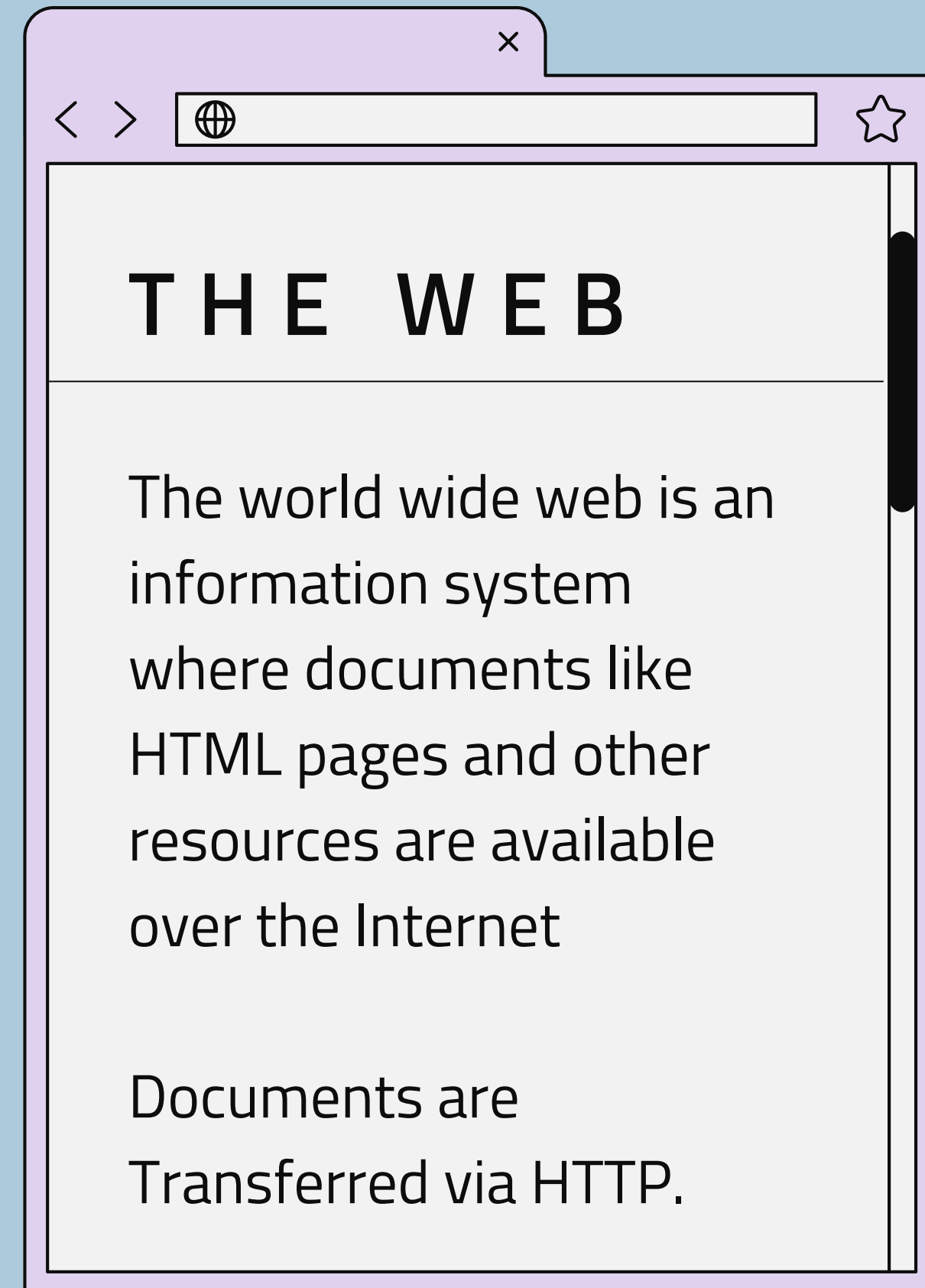
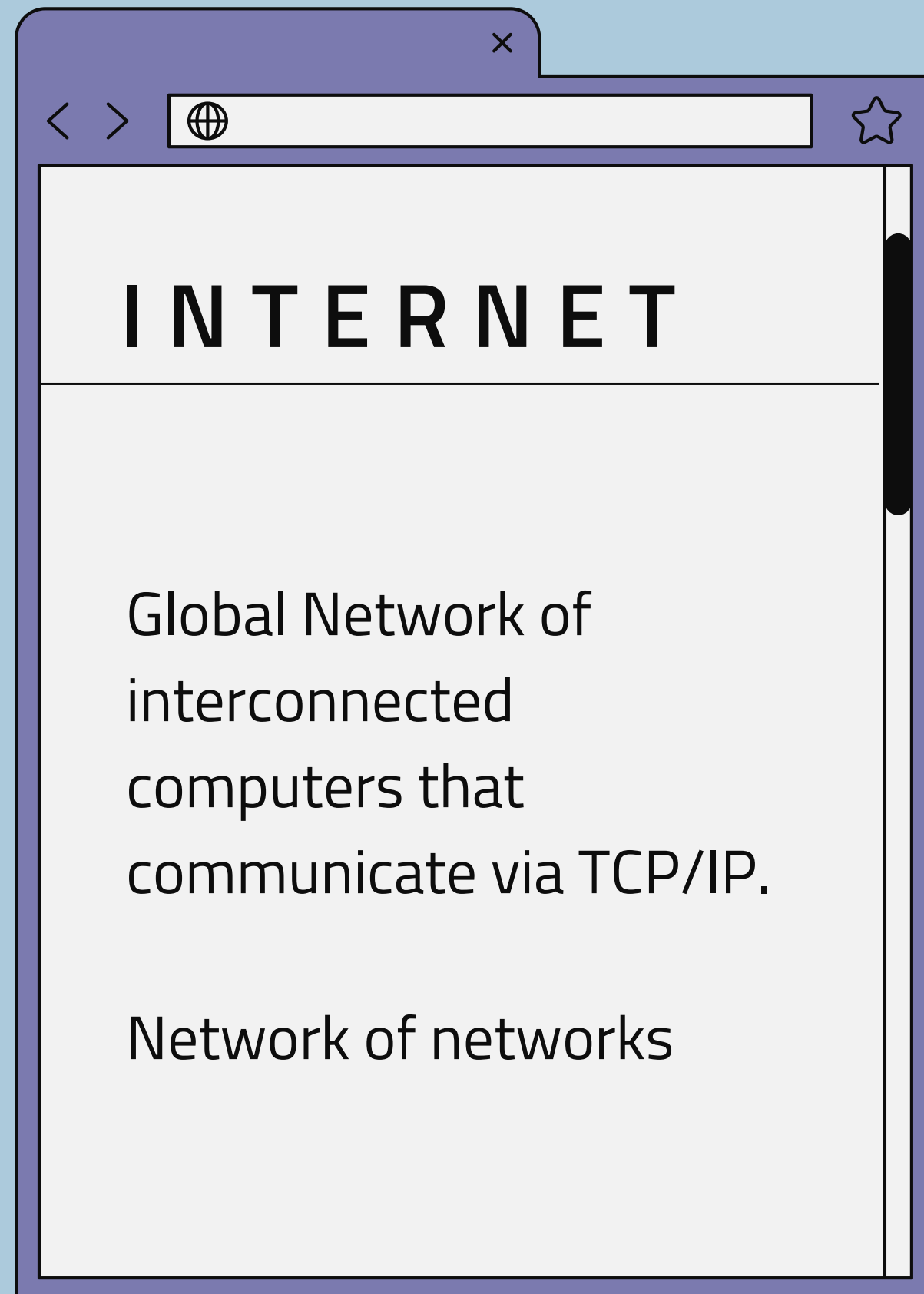
Email

File Sharing

Online Gaming

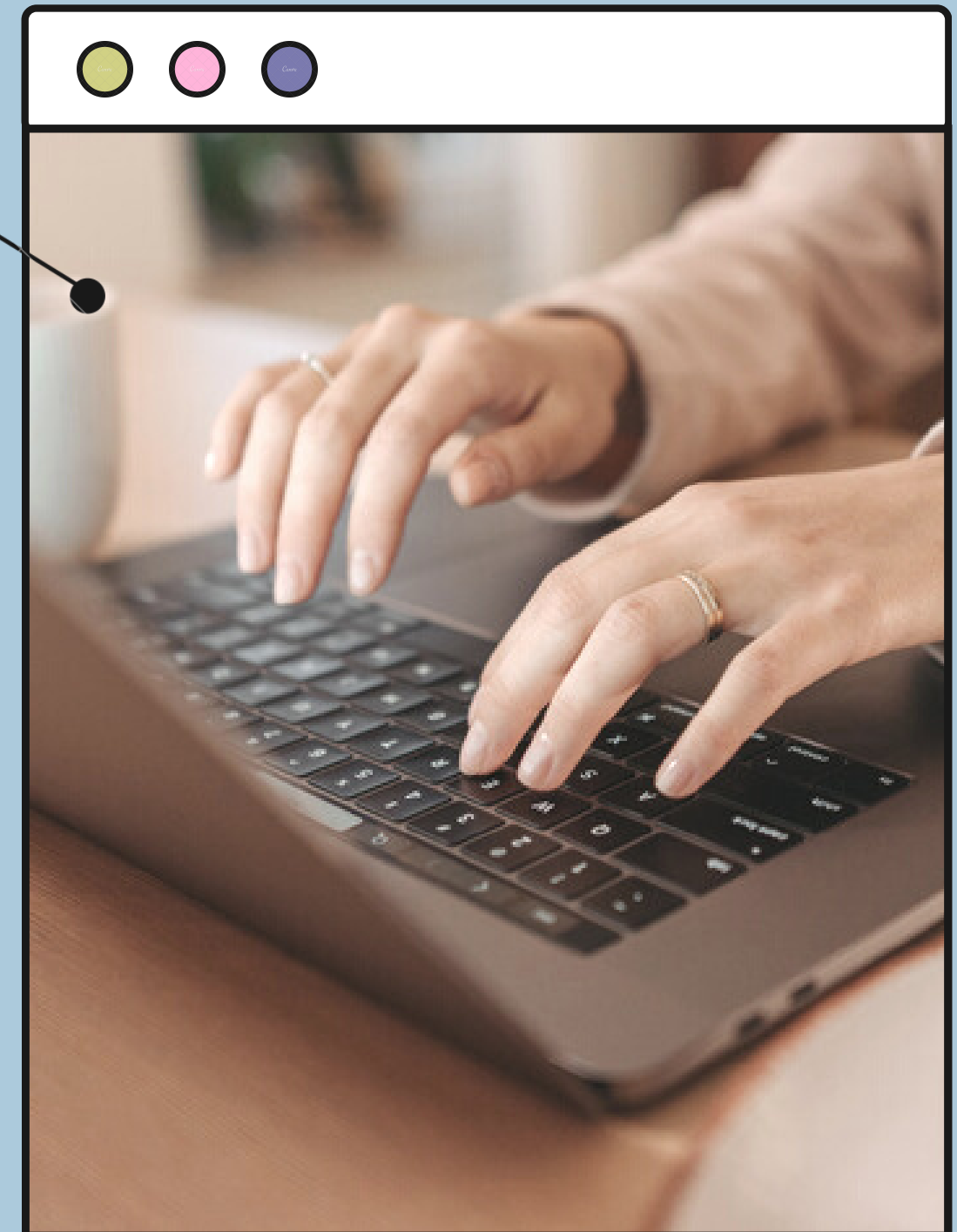
Streaming Services

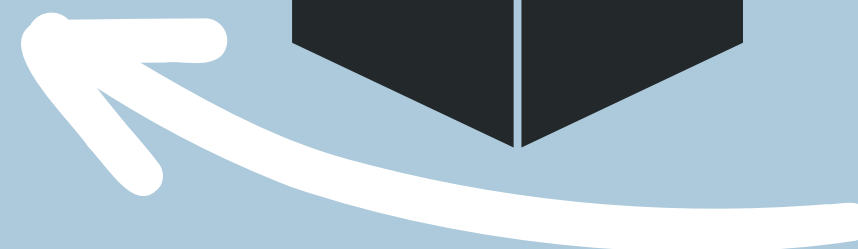
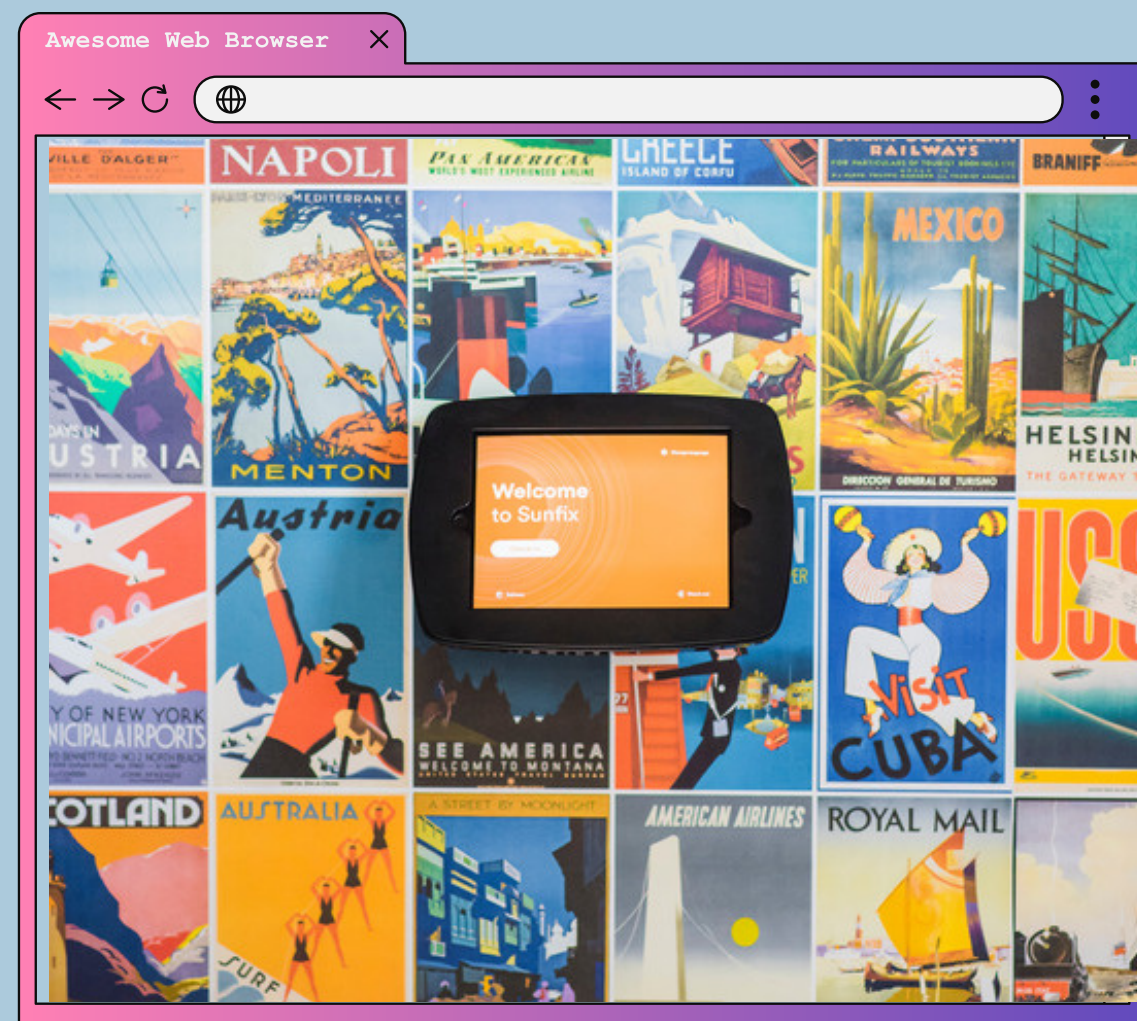
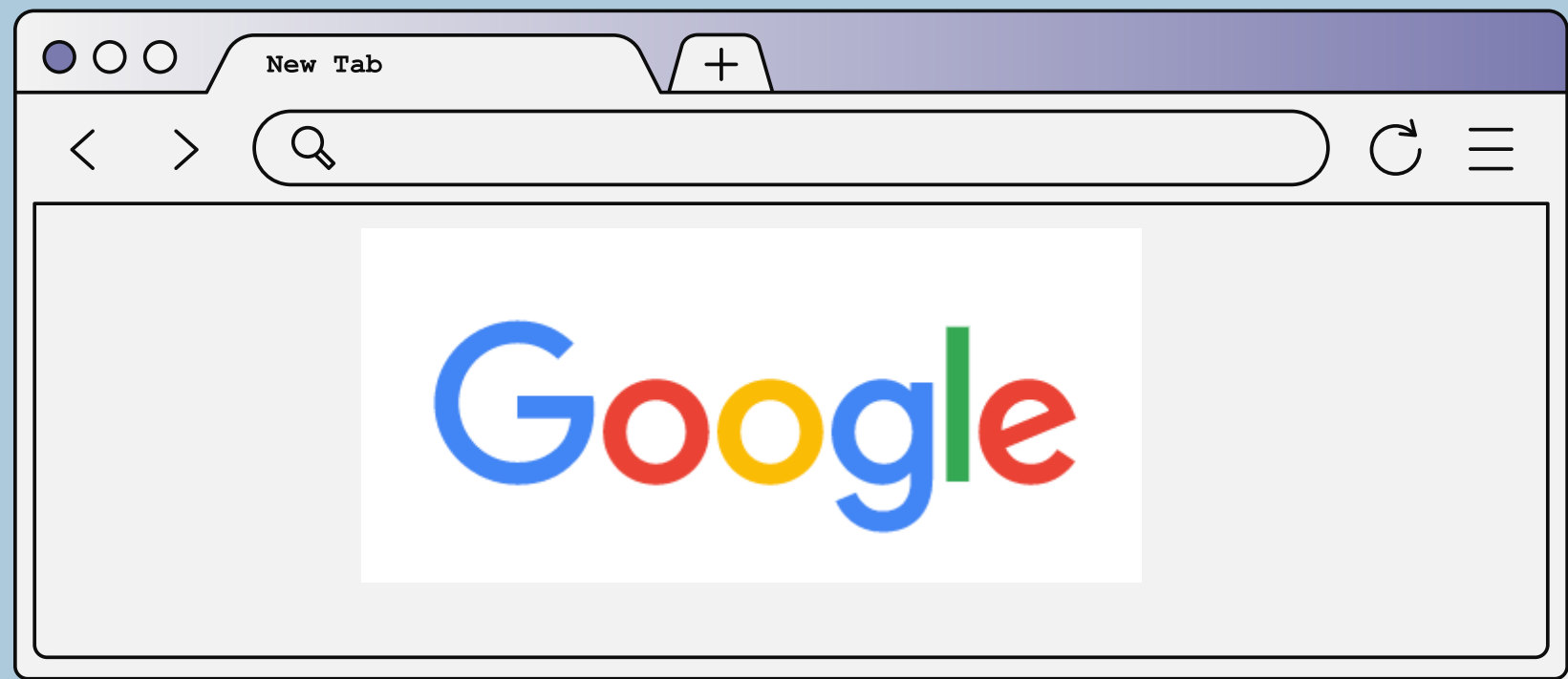
The Web



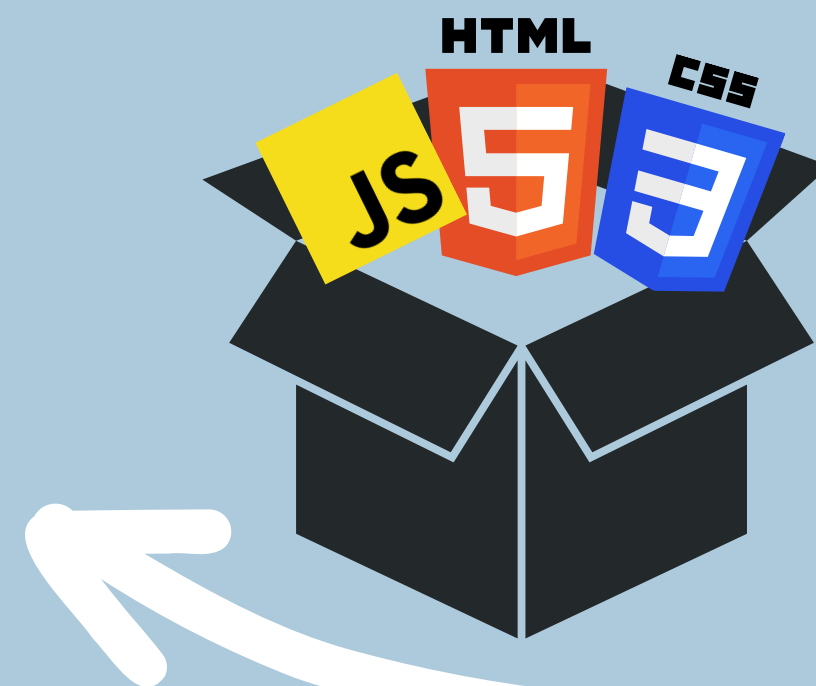
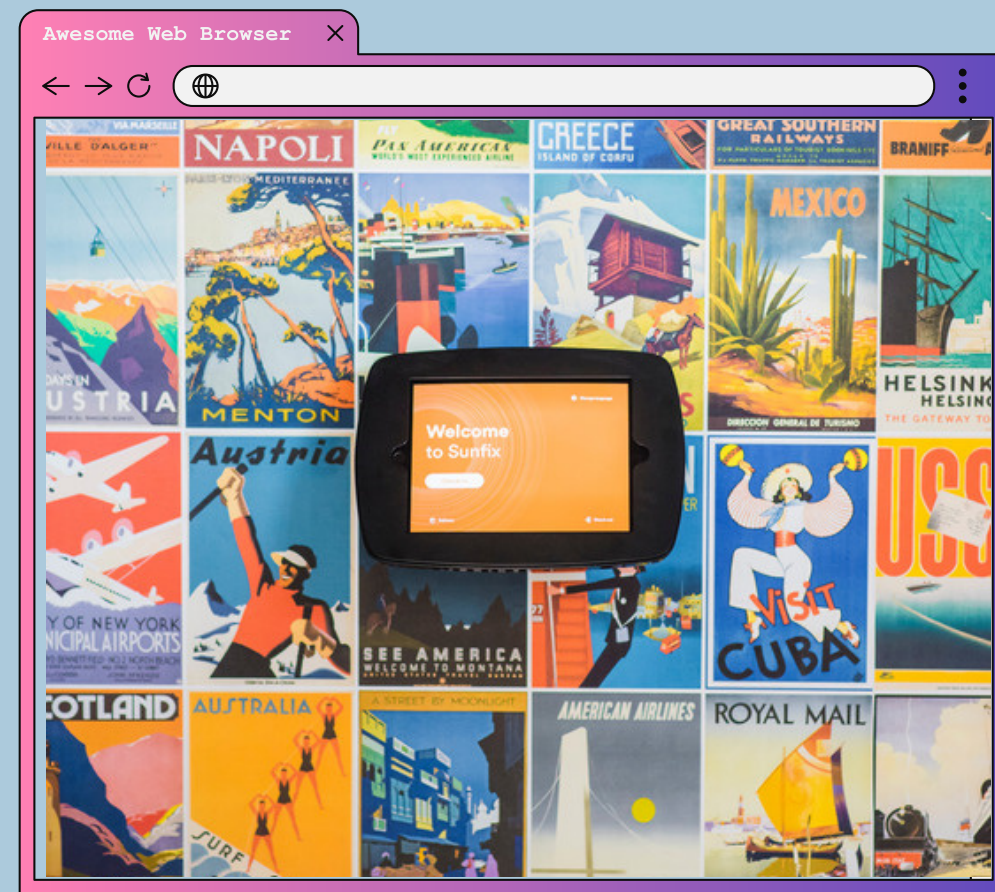
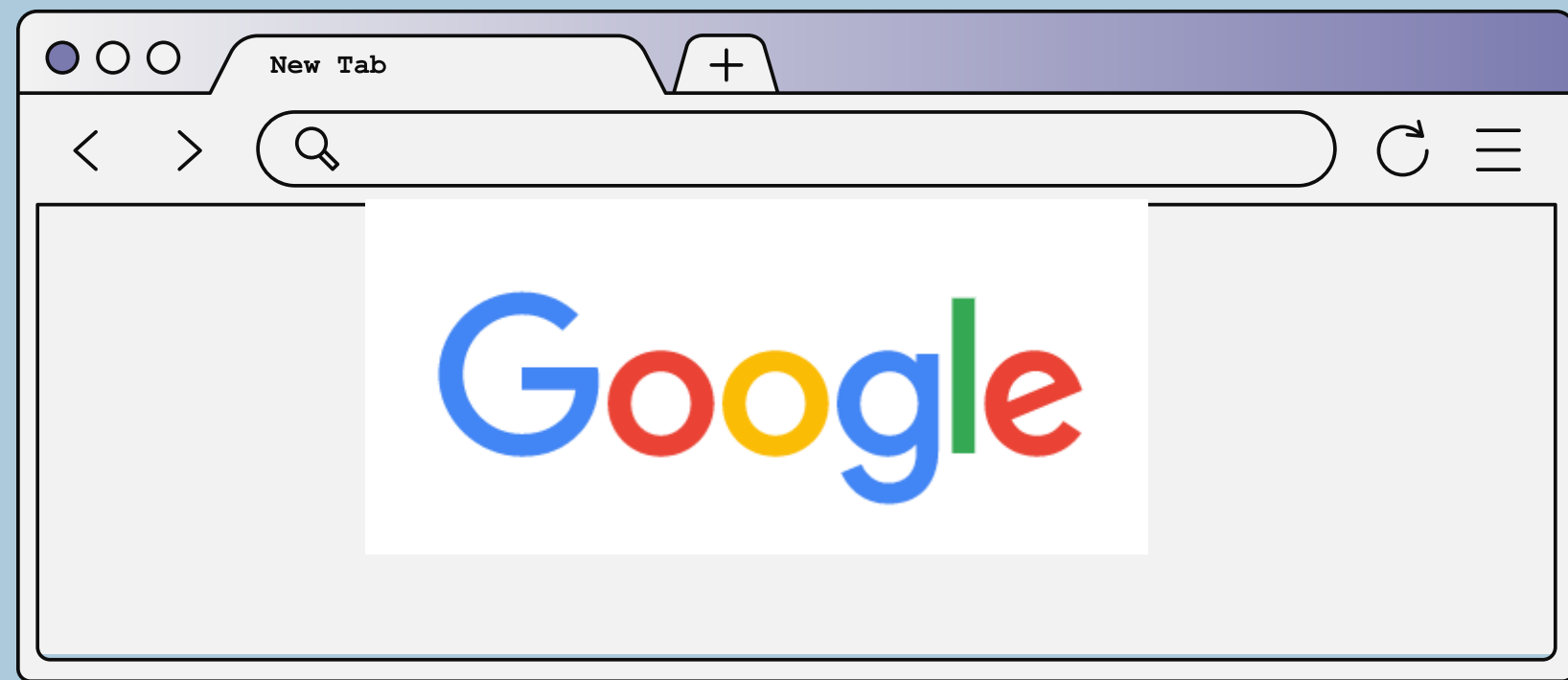
HTTP REQUESTS

- Hyper Text Transfer Protocol
- Request
- Response
- This is how communication happens in world wide web

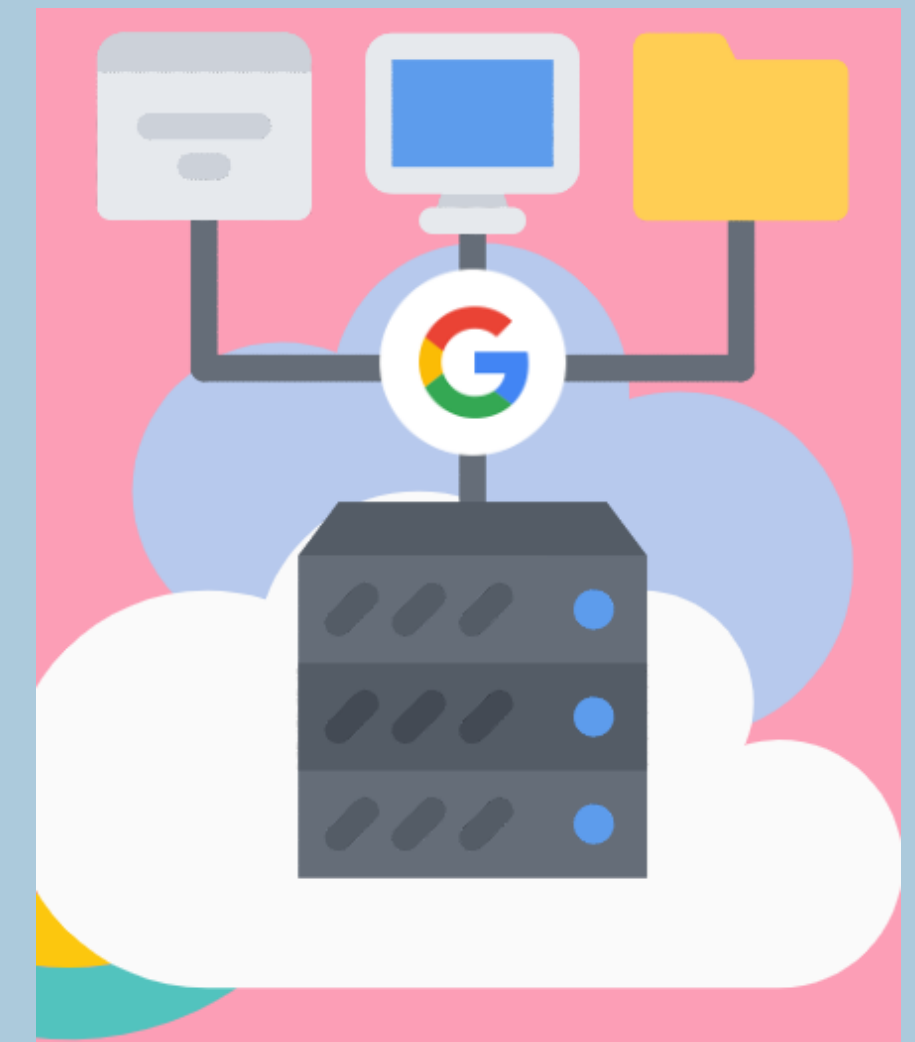




FRONTEND



BACKEND





HTML - Nouns

CSS - Adjectives

JavaScript - Verbs

INTRODUCTION TO BASICS OF HTML



HTML IS A MARKUP LANGUAGE

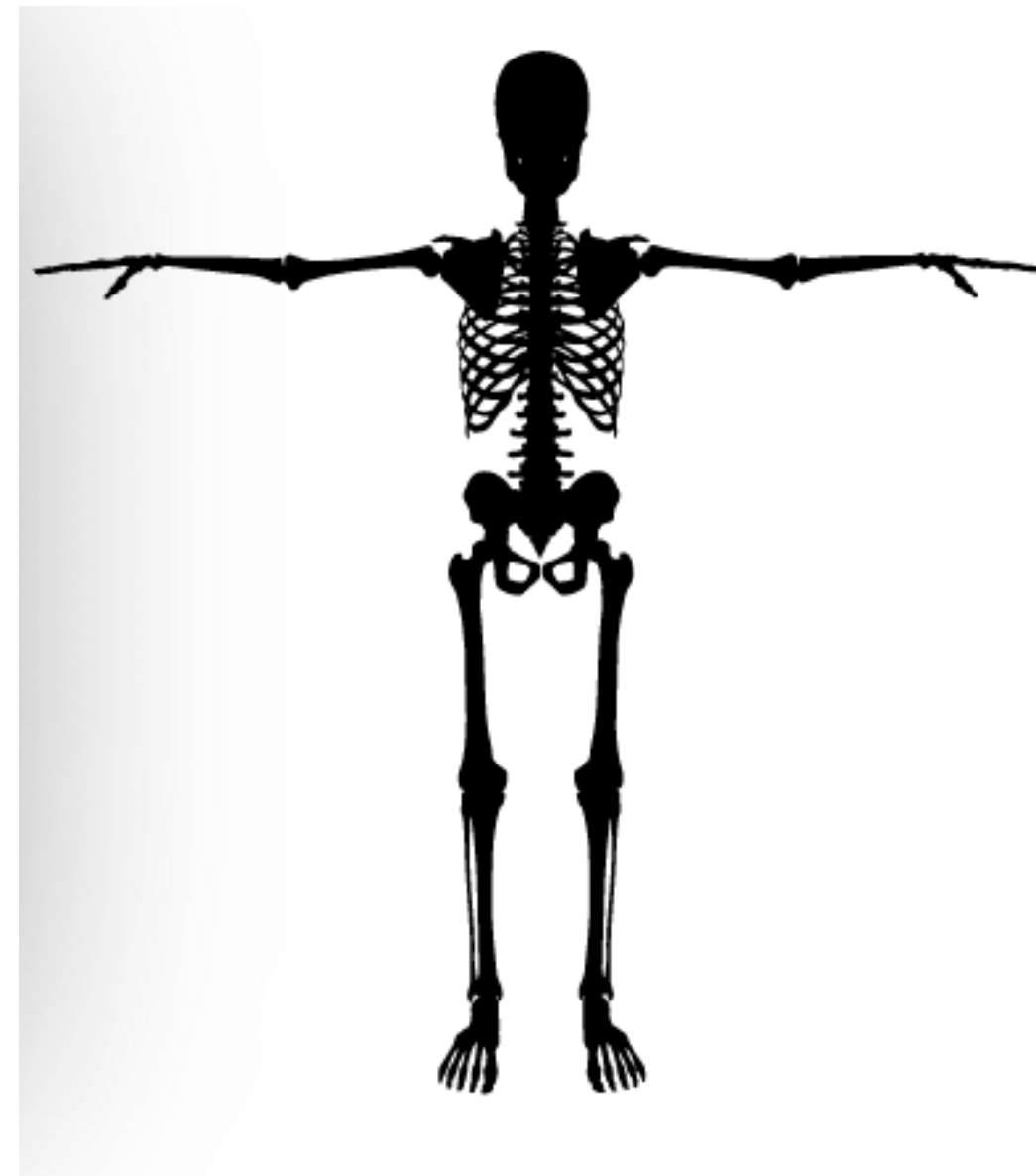
HTML ELEMENTS

- `<p>` element
- `<h1>` element
- `` element
- `<form>` element

HTML SKELETON



```
<!DOCTYPE html>
<html>
<head>
  <title>My First Page</title>
</head>
<body>
  <!-- Content Goes Here -->
</body>
</html>
```





HTML 5

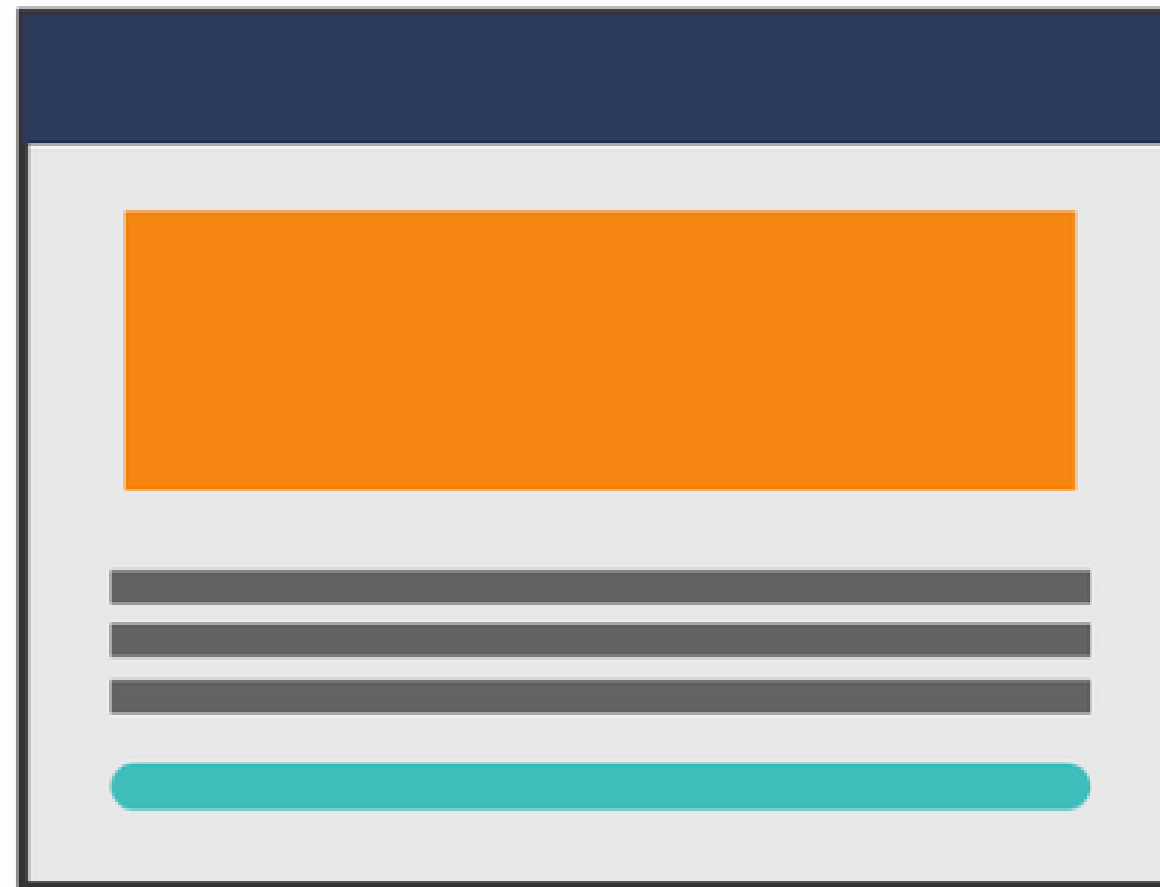
Html 5 is the latest evolution of standard that defines HTML. A markup language used for structuring and presenting content on the World Wide Web.

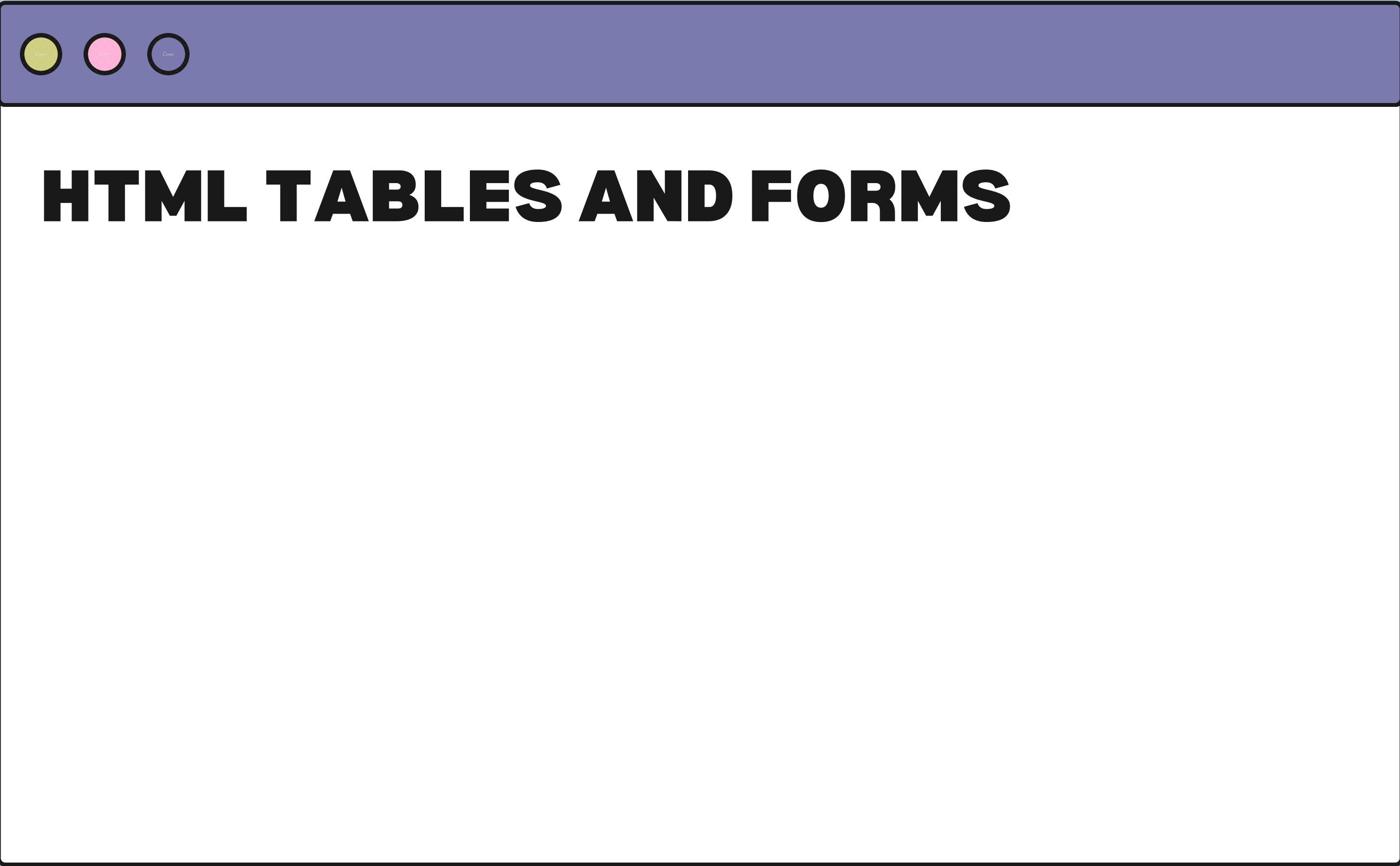


INSTEAD OF DIVS

Use more specific elements like:

`<section>`
`<article>`
`<nav>`
`<main>`
`<header>`
`<footer>`
`<aside>`
`<summary>`





HTML TABLES AND FORMS



**BUILDING WEB APPLICATIONS WITH MERN
STACK**

**THANK
YOU**