CHALLENGE 1: Your First Web Page

Goal - Create a web page that shows text in the browser.

File

index.html

What to Write

- HTML boilerplate
- A heading
- A paragraph

Why This Matters

- Browser understands only HTML
- <h1> shows important text
- <p> shows normal text

What You Should See

Big title and a sentence below it.

CHALLENGE 2: Headings & Paragraphs

Goal - Learn different text sizes.

What to Write

- Use <h1> to <h6>
- Add multiple <p> tags

Why This Matters

- Headings help SEO
- Screen readers rely on headings

CHALLENGE 3: Links & Images

Goal - Add clickable link and image.

What to Write

- A link to Google

- An image from the internet

Why This Matters

- Websites are interactive

- Images improve UI

Output

Clicking link opens Google.

CHALLENGE 4: Lists

Goal - Show items in order.

What to Write

- Shopping list using

- Steps list using

Why This Matters

Lists organize content clearly.

CHALLENGE 5: Simple Form

Goal - Take user input.

What to Write

- Name input

- Email input

- Submit button

Why This Matters

Forms collect user data.

CHALLENGE 6: Add CSS to HTML

Goal - Apply styles to webpage.

What to Write

- Inline CSS
- Internal CSS
- External CSS (preferred)

Why This Matters

CSS controls look and feel.

CHALLENGE 7: Colors & Background

Goal - Make page colorful.

What to Write

- Change text color
- Change background color

Why This Matters

Good colors improve readability.

CHALLENGE 8: Fonts & Text Style

Goal - Control text appearance.

What to Write

- Font size
- Font family
- Text alignment

Why This Matters

Better user experience.

CHALLENGE 9: Box Model

Goal - Understand spacing.

What to Write

- Border

- Padding

- Margin

Why This Matters

Layout depends on box model.

CHALLENGE 10: Simple Layout (Flexbox)

Goal

Place items side by side.

What to Write

- Use display: flex

- Two boxes next to each other

Why This Matters

Modern layout technique.

CHALLENGE 11: First JavaScript Alert

Goal - Run JavaScript.

What to Write

- Script inside HTML

- Alert message

Why This Matters

JS makes page interactive.

CHALLENGE 12: Button Click Action

Goal - React to user action.

What to Write

- Button

- Function

- onclick

Why This Matters

Events are core of JS.

CHALLENGE 13: Change Text on Button Click

Goal

Modify webpage content.

What to Write

- getElementById

- Change text

Why This Matters

Dynamic pages.

CHALLENGE 14: Simple Counter

Goal - Learn basic logic.

What to Write

- Variable

- Increment number

- Button click

Why This Matters

Logic building.