

Topic 2 — Headings, Paragraphs & Text Formatting : by Gagan Baghel

Concepts Covered:

`<h1>` , `<h2>` , `<h3>` , `<h4>` , `<h5>` , `<h6>` , `<p>` , `` , `<i>` , `<u>` , `` , `` , `<mark>` , `<small>` , `<sub>` , `<sup>` , `
` , `<hr>` , `<pre>`

Learning Objective:

To understand text structure, hierarchy using headings, paragraph organization, and the use of various text formatting tags for emphasis, clarity, and readability.

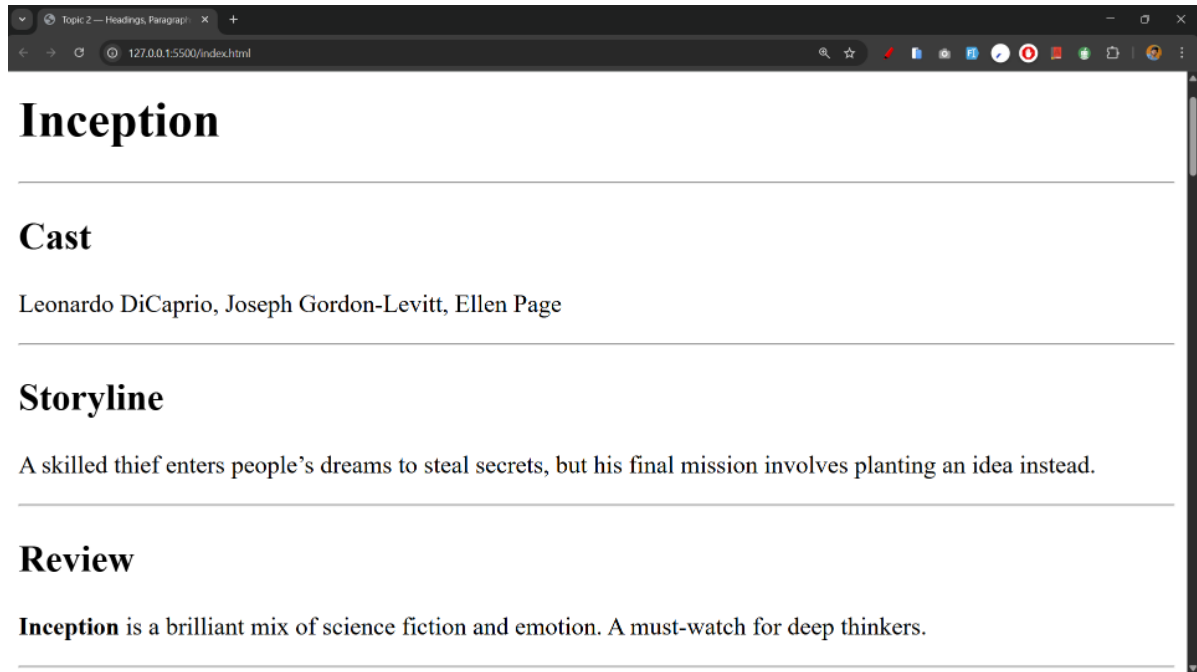
Practice Tasks (10 Total)

Task 1: Create a “My Favorite Movie” Webpage

Goal: Practice using headings and paragraphs.

Instructions:

1. Create a new file `movie.html`.
2. Use `<h1>` for the movie title.
3. Add subheadings (`<h2>` , `<h3>`) for “Cast”, “Storyline”, and “Review”.
4. Write short paragraphs under each section using `<p>`.
5. Separate each section using `<hr>`.
6. output :



Task 2: Experiment with Heading Levels

Goal: Understand heading hierarchy.

Instructions:

1. Create a file `headings.html`.
2. Add all heading levels `<h1>` through `<h6>` with text like "Heading 1", "Heading 2", etc.
3. Observe the difference in font size and weight in your browser.
4. Add a comment explaining where each heading level should be used.
5. Output :

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Task 3: Create a Personal Introduction

Goal: Practice basic formatting tags.

Instructions:

1. Use `<h1>` for your name.
2. Add a paragraph introducing yourself using `<p>`.
3. Highlight your profession with ``.
4. Italicize your interests with ``.
5. Underline your goals using `<u>`.
6. output :

Gagan Baghel

Hello! I'm a **web developer** who loves building creative projects. My hobbies include *reading, design, and coding*. My goal is to become a full-stack developer.

Task 4: Create a Poem Page

Goal: Preserve text formatting using `<pre>`.

Instructions:

1. Create a file `poem.html`.
2. Add the title "My Poem" using `<h2>`.
3. Write a 4-line poem inside `<pre>` so spacing and line breaks are maintained.
4. Add a horizontal line `<hr>` below the poem.
5. output :

My Poem

```
Rays of dawn touch my face,  
Dreams awaken, thoughts embrace,  
Hope begins its gentle chase,  
In life's endless, winding race.
```

Task 5: Create a Resume Summary

Goal: Combine line breaks and text emphasis.

Instructions:

1. Add your name and role as `<h1>` and `<h2>` .
2. Add a "Summary" section using `<p>` .
3. Use `
` to create line breaks for contact info.
4. Bold your key skills using `` .
5. Add a `<hr>` to separate summary and contact info.
6. output :

Gagan Baghel

Front-End Developer

Summary: Passionate web developer with a focus on React and clean UI design.

Skills: HTML, CSS, JavaScript, React

Contact: gagan@example.com

Location: India

Task 6: Science Notes — Subscript & Superscript

Goal: Learn `<sub>` and `<sup>` .

Instructions:

1. Create a file `science.html` .
2. Add a heading "Chemical & Mathematical Notes".
3. Write formulas like:
 - H_2O
 - CO_2
 - $E = mc^2$

4. Highlight equations with `<mark>` for clarity.
5. output :

H₂O — Water

CO₂ — Carbon Dioxide

E = mc² — Einstein's Mass-Energy Relation

Task 7: Create an "Inspirational Quote" Page

Goal: Practice text alignment and emphasis.

Instructions:

1. Create a file `quotes.html`.
2. Add a heading "Daily Motivation".
3. Add a quote inside `<p>` (e.g., "Success is not final; failure is not fatal.").
4. Make author name small using `<small>`.
5. Bold important words like "Success" or "Failure" with ``.
6. output :

Daily Motivation

Success is not final; **Failure** is not fatal. It is the courage to continue that counts.

— Winston Churchill

Task 8: Biography Page with Mixed Formatting

Goal: Use multiple formatting tags in one page.

Instructions:

1. Create `biography.html`.
2. Add `<h1>` for the person's name.
3. Use `` for their famous quote.
4. Write a paragraph using ``, `<i>`, `<u>` where appropriate.
5. Use `
` or `<hr>` to separate sections.
6. output :

Steve Jobs

"Innovation distinguishes between a leader and a follower."

Steve Jobs was a **visionary** entrepreneur and *co-founder* of Apple Inc. He was known for his bold ideas and attention to detail.

Task 9: HTML Formatting Playground

Goal: Practice all formatting tags together.

Instructions:

1. Create a file `text-lab.html`.
2. In `<body>`, create a "Formatting Practice Zone".
3. Add examples using all of the following:
 - `` VS ``
 - `<i>` VS ``
 - `<u>`, `<mark>`, `<small>`, `<sub>`, `<sup>`
4. Comment next to each example explaining what it does.
5. output :

Formatting Practice Zone

Bold — purely visual; **Strong** — adds importance.

Italic — for style; *Emphasized* — gives stress or meaning.

Underline — draws attention.

Mark — highlights text.

Small — shows less important text.

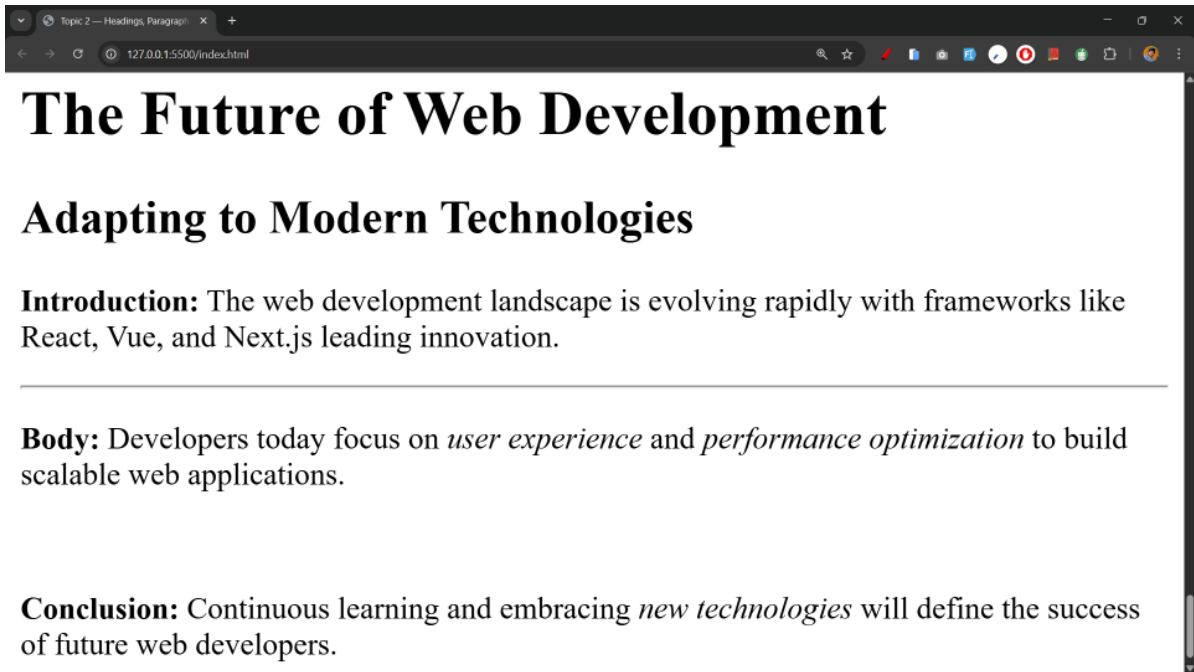
H₂O (Subscript) and X² (Superscript) — for chemical or mathematical use.

Task 10: Create an Article Layout

Goal: Combine structure and typography.

Instructions:

1. Create `article.html` .
2. Add `<h1>` for article title and `<h2>` for subtitle.
3. Write 3 paragraphs: Introduction, Body, and Conclusion.
4. Emphasize key words with `` and `` .
5. Use `<hr>` to separate sections and `
` for readability.
6. output :



Pro Tips for Students

- Headings define structure — use them semantically (not for size).
- `` and `` carry meaning; `` and `<i>` are purely visual.
- Use `
` only for line breaks inside content, not for layout.
- `<pre>` preserves whitespace — great for poems or code blocks.
- Keep text readable and properly nested (no overlapping tags).