



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

Concepts Covered:

`<h1>` – `<h6>` , `<p>` , `<b>` , `<i>` , `<u>` , `<strong>` , `<em>` , `<mark>` , `<small>` , `<sub>` , `<sup>` , `<br>` ,  
`<hr>` , `<pre>`

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## 🎯 Learning Objective:

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

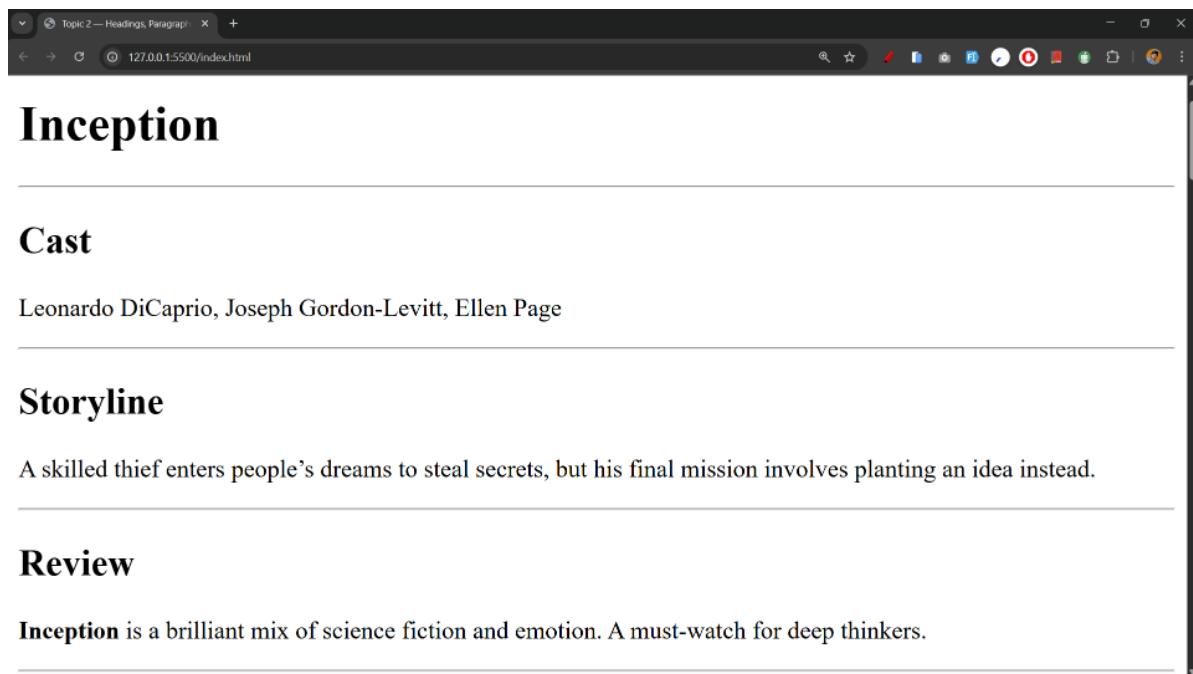
## 🧩 Practice Tasks (10 Total)

### 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 :



A screenshot of a web browser window titled "Topic 2 — Headings, Paragraph". The URL in the address bar is "127.0.0.1:5500/index.html". The page content is about the movie "Inception".

**Inception**

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**Cast**

Leonardo DiCaprio, Joseph Gordon-Levitt, Ellen Page

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**Storyline**

A skilled thief enters people's dreams to steal secrets, but his final mission involves planting an idea instead.

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**Review**

**Inception** is a brilliant mix of science fiction and emotion. A must-watch for deep thinkers.

## 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 `<strong>`.
4. Italicize your interests with `<em>`.
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.

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## 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.

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## 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 `<br>` to create line breaks for contact info.
4. Bold your key skills using `<strong>`.
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.

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**Skills:** HTML, CSS, JavaScript, React

**Contact:** gagan@example.com

**Location:** India

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### 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<sub>2</sub>O
  - CO<sub>2</sub>
  - E = mc<sup>2</sup>

4. Highlight equations with `<mark>` for clarity.

5. output :

**H<sub>2</sub>O** — Water

**CO<sub>2</sub>** — Carbon Dioxide

**E = mc<sup>2</sup>** — Einstein's Mass-Energy Relation

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## 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 `<strong>`.
6. output :

### Daily Motivation

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

– Winston Churchill

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## 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 `<em>` for their famous quote.
4. Write a paragraph using `<b>`, `<i>`, `<u>` where appropriate.
5. Use `<br>` 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:
  - `<b>` VS `<strong>`
  - `<i>` VS `<em>`
  - `<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.

H<sub>2</sub>O (Subscript) and X<sup>2</sup> (Superscript) — for chemical or mathematical use.

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## 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 `<em>` and `<strong>`.
5. Use `<hr>` to separate sections and `<br>` for readability.
6. output :

The Future of Web Development

## Adapting to Modern Technologies

**Introduction:** The web development landscape is evolving rapidly with frameworks like React, Vue, and Next.js leading innovation.

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**Body:** Developers today focus on *user experience* and *performance optimization* to build scalable web applications.

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**Conclusion:** Continuous learning and embracing *new technologies* will define the success of future web developers.

### Pro Tips for Students

- Headings define structure — use them semantically (not for size).
- `<strong>` and `<em>` carry meaning; `<b>` and `<i>` are purely visual.
- Use `<br>` 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).