



WEB TECHNOLOGY

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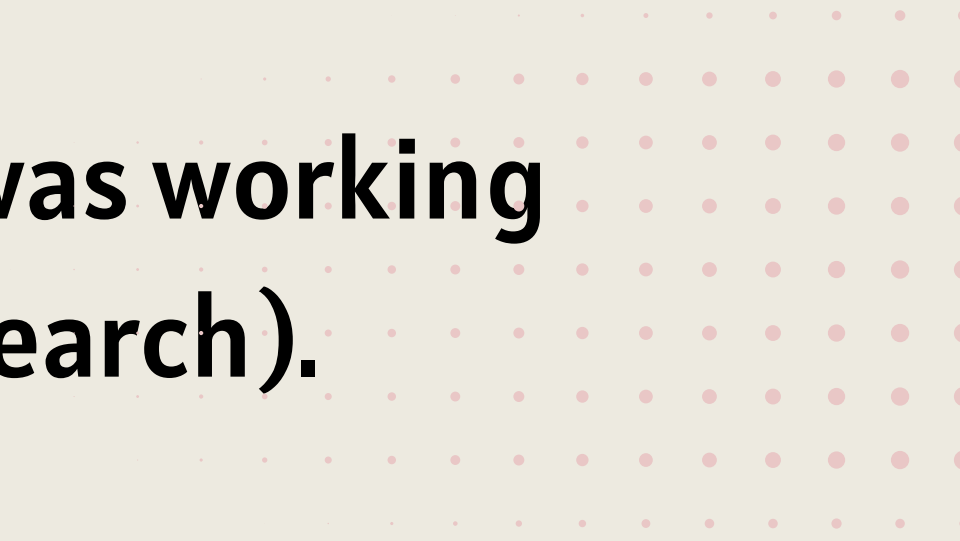


HTML

Definition: HyperText Markup Language

Purpose: Standard markup language for creating web pages

Brief history and current version (HTML5)

- **HTML was created by Tim Berners-Lee while he was working at CERN (European Organization for Nuclear Research).**
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BASIC STRUCTURE OF AN HTML DOCUMENT

- **`<!DOCTYPE html>` declaration**
- **`<html>` root element**
- **`<head>` section**
- **`<meta>` tags**
- **`<title>` tag**
- **`<body>` section**



HTML ELEMENTS AND TAGS

- Syntax: `<tagname>Content goes here...</tagname>`
- Nesting elements
- Empty elements (e.g., `
`, ``)

First Problem

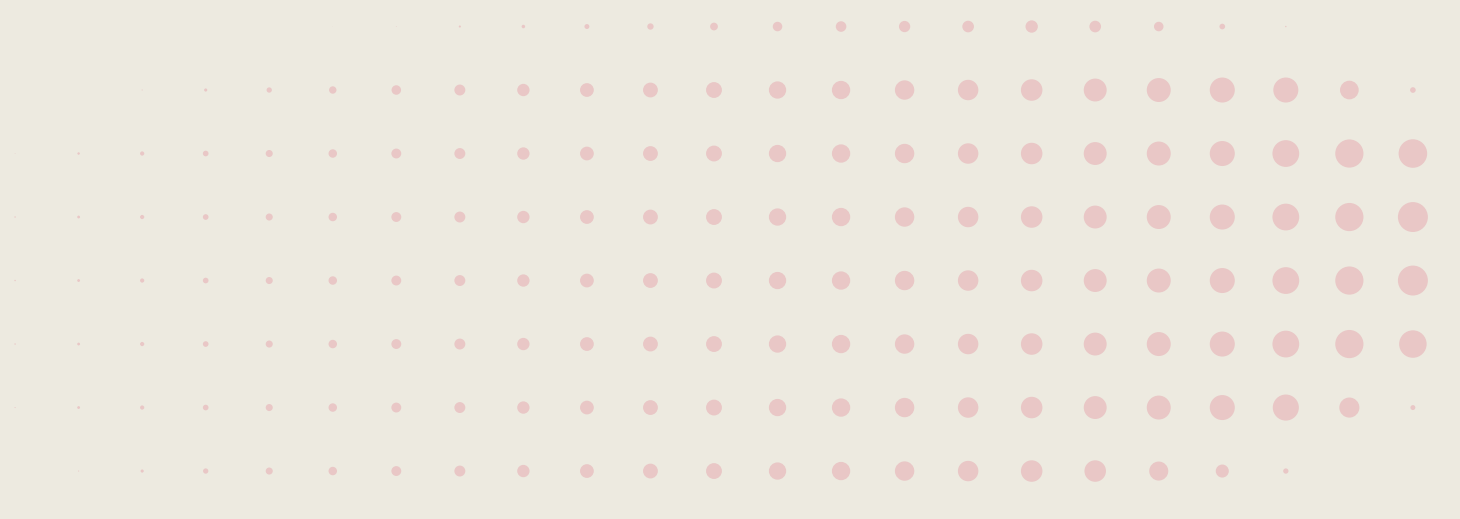
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Second Problem

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque non elit mauris. Cras euismod, metus ac finibus.




OVERVIEW

- Introduction
 - Problem
 - Literary Review
 - Theoretical
 - Objectives
 - Hypothesis
 - Methodology
 - Implementation
 - Result
 - Conclusion
 - Recommendation
 - Thank You
- 




COMMON HTML TAGS

- Headings: `<h1>` to `<h6>`
 - Paragraphs: `<p>`
 - Links: `link text`
 - Images: ``
 - Lists:
 - Unordered lists: `` with `` items
 - Ordered lists: `` with `` items
 - Divs and Spans: `<div>`, ``
- 



HTML ATTRIBUTES

- **Definition and purpose**
 - **Syntax: name="value"**
 - **Common attributes: id, class, style, src, href, al**
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HTML TABLES

Creating tables: <table>

Table rows: <tr>

Table headers: <th>

Table data cells: <td>

Table caption: <caption>



HTML FORMS



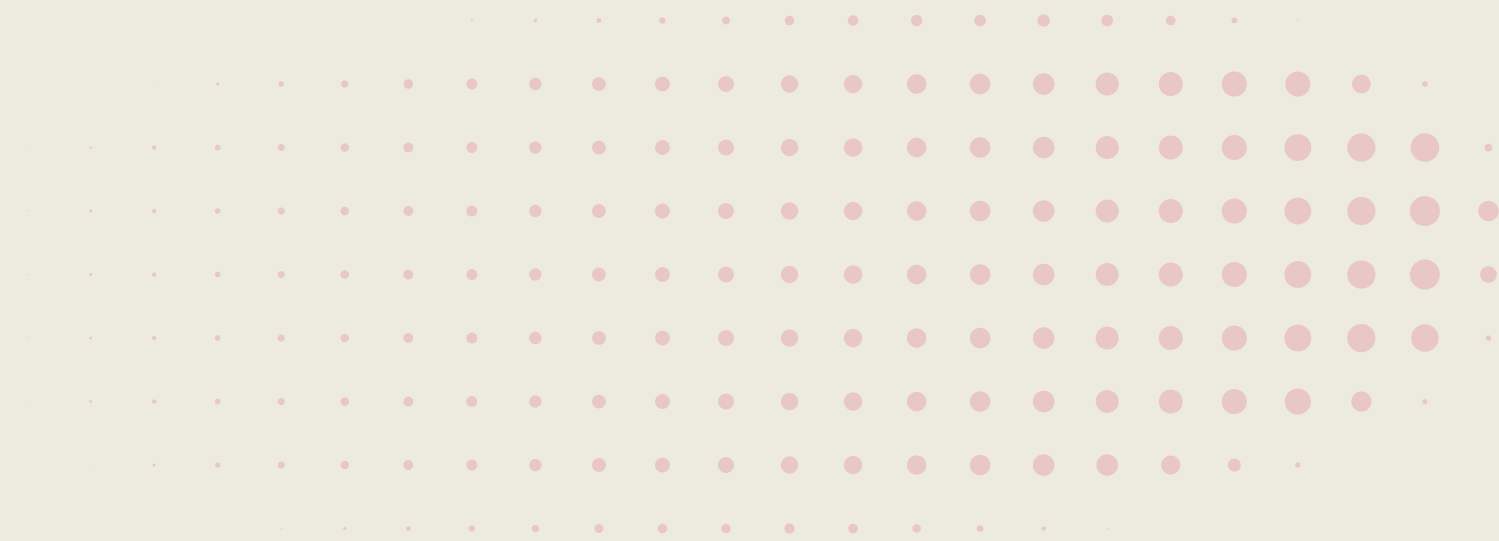
- Form element: `<form>`
- Input types:
- Text: `<input type="text">`
- Password: `<input type="password">`
- Radio: `<input type="radio">`
- Checkbox: `<input type="checkbox">`
- Submit button: `<input type="submit">`
- Textarea: `<textarea>`
- Select dropdowns: `<select>` and `<option>`
- Labels: `<label>`



HTML SEMANTIC ELEMENTS

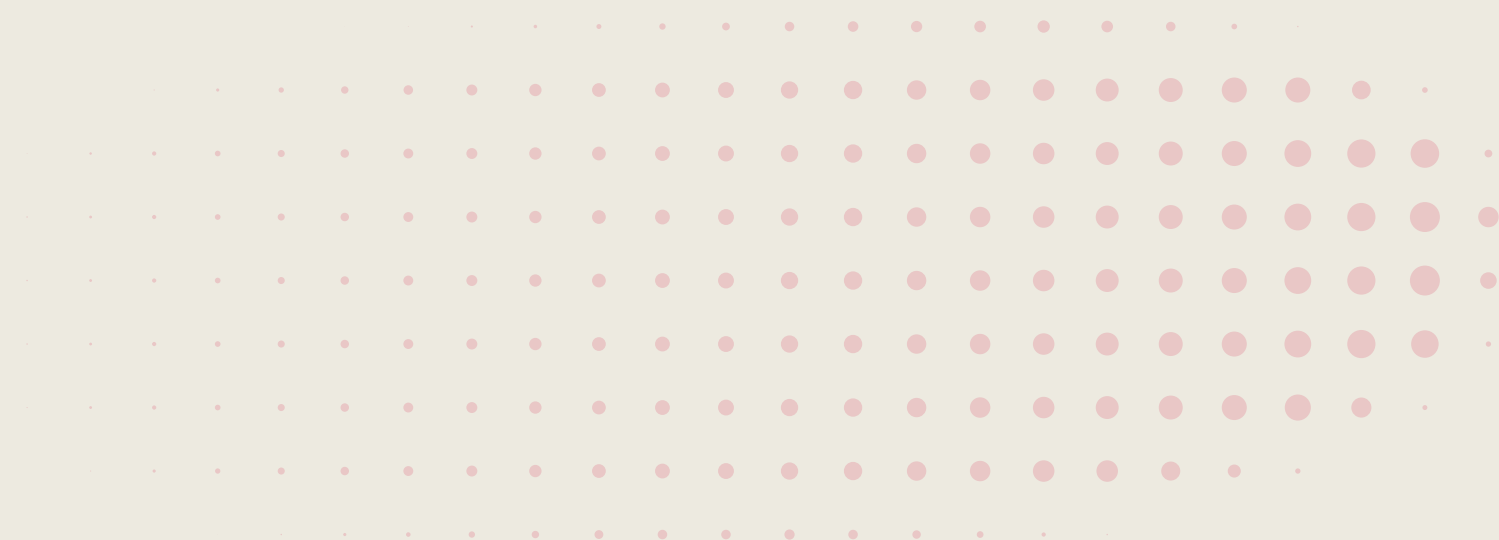
Defination

Semantic HTML tags are tags that define the meaning of the content they contain, and help to make web pages more accessible and easier to read.

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

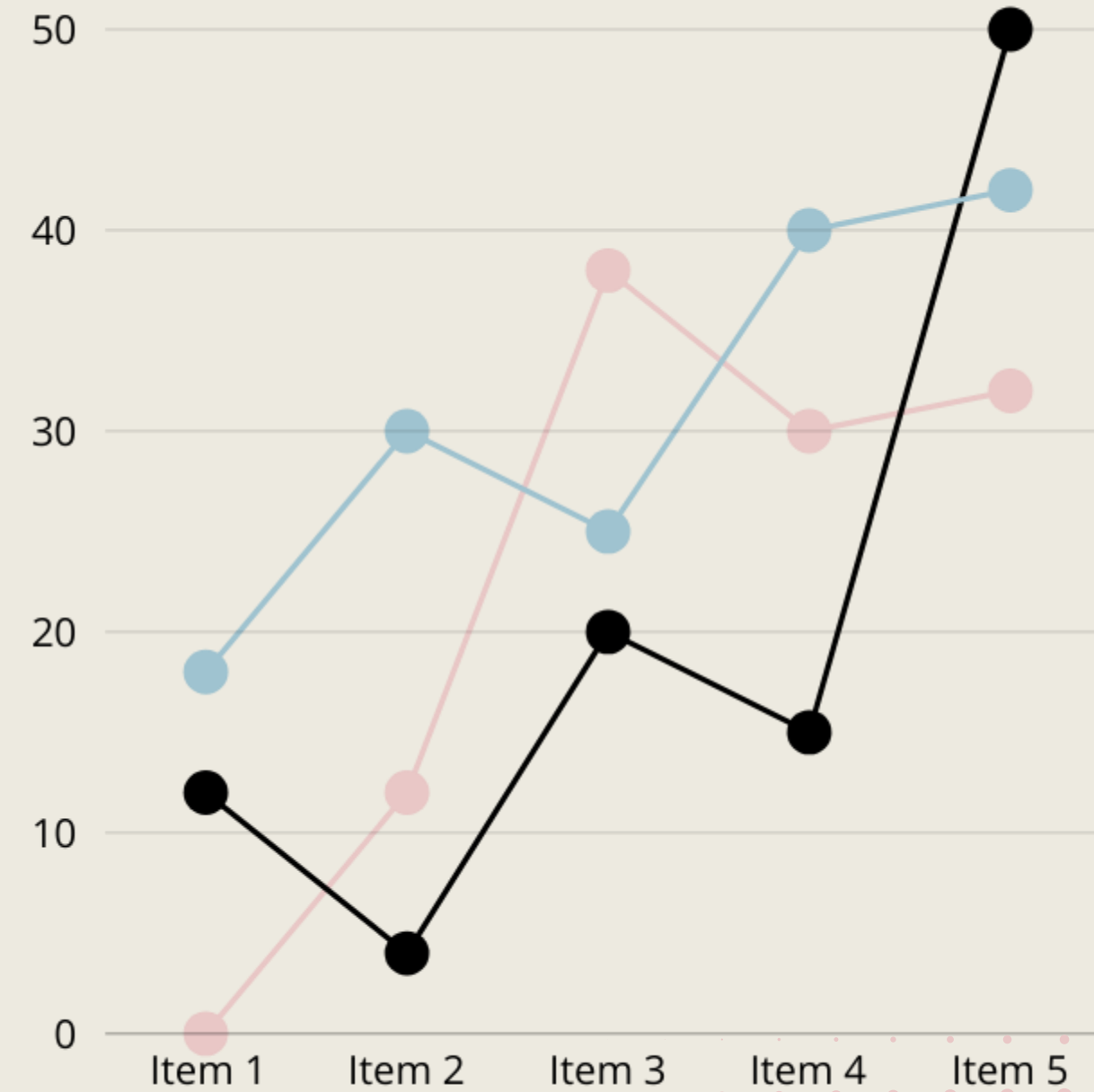


HTML FEATURES

- **New semantic elements**
 - **New form input types (date, email, range, etc.)**
 - **<canvas> and <svg> for graphics**
 - **<audio> and <video> for media playback**
 - **Local storage**
 - **Geolocation**
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RESULT

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Quisque non elit mauris. Cras
euismod, metus ac finibus
finibus.



CONCLUSION

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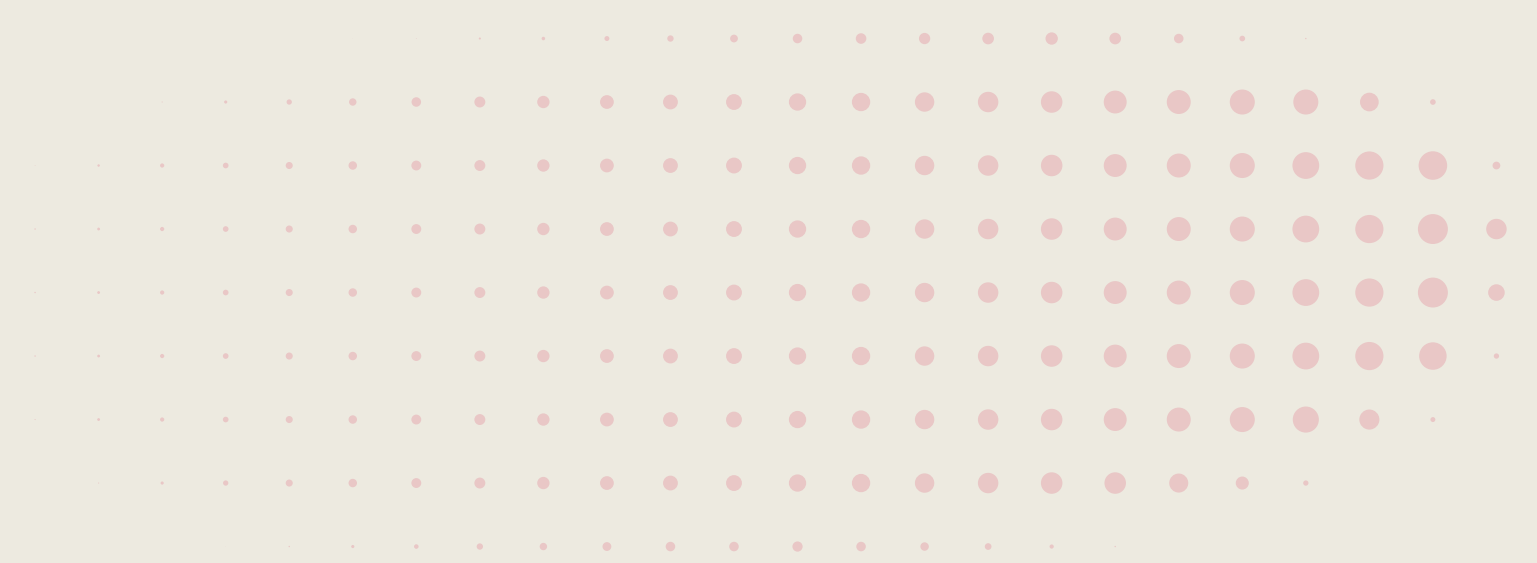
RECOMMENDATION

● Recommendation 1

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● Recommendation 2

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THANK YOU