

i. Combined study guide :-

My chapter revision notes

Sources

+ Add sources

Try Deep Research for an in-depth report and new sources!

Search the web for new sources

Web Fast Research

Select all sources

Enable JavaScript to use search

index.pdf

Chat

Create a combined study guide using all uploaded sources.

Study Guide: Web Development Fundamentals & Browser Configuration

This study guide integrates core concepts of web development from university lab records with technical browser management instructions. It focuses on the foundational building blocks of the web—HTML and JavaScript—and how to ensure your environment is correctly configured to use them.

1. Core Web Development: HTML Structure and Elements

As part of the "Web Development Fundamental: HTML, CSS & JavaScript" curriculum at Rungta International Skill University, students learn to construct the skeletal structure of webpages 1.

A. Essential Document Structure

Every standard HTML5 document should follow a specific hierarchy to be rendered correctly by browsers:

- `<!DOCTYPE html>`: Declares the document type 2.
- `<html>`: The root element that wraps all content 2.

Studio

Create an Audio Overview in: हिन्दी, বাংলা, ગુજરાતી, ಕನ್ನಡ, తెలుగు, मराठी, ਪੰਜਾਬੀ, தமிழ், తెలుగు

Audio Overview Video Overview

Mind Map Reports

Flashcards Quiz

BETA Infographic BETA Slide Deck

Studio output will be saved here.

After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!

ii.

Flashcards

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Generate flashcards for quick revision.

Here are flashcards designed for quick revision based on the sources provided.

HTML Fundamentals Flashcards

Front: What is the basic document structure of an HTML5 page?
Back:

- `<!DOCTYPE html>`: Declaration.
- `<html>`: Root element.
- `<head>`: Contains metadata like `<title>`.
- `<body>`: Contains the visible content of the page 1.

Front: Which HTML attribute is used to provide an alternative text description for an image?
Back: The `alt` attribute, found within the `` tag 1.

Front: How do you create an **unordered** vs. an **ordered** list in HTML?
Back:

- **Unordered:** Use the `` tag with `` for list items (results in bullets).
- **Ordered:** Use the `` tag with `` for list items (results in numbers) 1.

Studio

Create an Audio Overview in: हिन्दी, বাংলা, ગુજરાતી, ಕನ್ನಡ, తెలుగు, మరాఠీ, ਪੰਜਾਬੀ, தமிழ், తెలుగు

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iii. Concept map / explanation

The screenshot displays a web application interface titled "My chapter revision notes". The interface is divided into three main sections: Sources, Chat, and Studio.

Sources: This section on the left allows users to manage their sources. It includes a search bar with the text "Search the web for new sources" and a "Web" dropdown menu. Below the search bar, there are checkboxes for "Select all sources", "Enable JavaScript to use search", and "index.pdf".

Chat: The central section is the Chat area. It features a prompt: "Create a concept map or explain the topic clearly." Below this, a summary of the generated concept map and explanation is shown. The summary states: "The following concept map and explanation summarize the core components of **Web Development Fundamentals** and the necessary **Browser Configuration** to support them, based on the provided sources." The concept map is titled "Concept Map: Web Development & Browser Functionality" and lists the following components:

- **Web Development Foundations (Runta International Skill University)** 1
 - **HTML (Structure)** 2
 - **Links (<a>):** Hyperlinks for navigation 2.
 - **Images ():** Visual media with descriptive **alt** text 2.
 - **Lists:**
 - **Unordered ():** Bulleted lists 2.
 - **Ordered ("): Numbered sequences 2.**
 - **Nested:** Lists within lists (e.g., categories of fruits/vegetables) 2.
 - **JavaScript (Behavior/Functionality)** 1 3

Studio: The right section is the Studio, which provides tools for creating various outputs. It includes a prompt: "Create an Audio Overview in: हिन्दी, বাংলা, ગુજરાતી, ಕನ್ನಡ, తెలుగు, मराठी, ਪੰਜਾਬੀ, தமிழ், తెలుగు". Below this, there are buttons for "Audio Overview", "Video Overview", "Mind Map", "Reports", "Flashcards", "Quiz", "Infographic", and "Slide Deck". A note at the bottom states: "Studio output will be saved here. After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!"