

Practical 12: NotebookLM Project

Aim

To create revision notes using NotebookLM.

Objectives

- To generate study guide
- To create flashcards

Materials Required

- NotebookLM

Procedure

1. Create NotebookLM project – Start a new project in NotebookLM to organize your materials and AI-generated outputs in one workspace.
2. Upload two resources – Add two documents or sources to the project so the AI can analyze and reference them.
3. Generate study guide – Use NotebookLM's tools to create a structured study guide summarizing key concepts from the uploaded resources.
4. Generate flashcards – Automatically produce flashcards that highlight important facts, terms, or ideas for easier review.
5. Review accuracy – Carefully check the summaries and flashcards to ensure all information is correct and reflects the original resources.
6. Take screenshots – Capture screenshots of the study guide and flashcards to document your work or include them in your submission.

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.

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
- `<html>`: The root element that wraps all content

Studio

Create an Audio Overview in: தினி, வாரா, ஆண்டு, நாள், மாதம், மாணிக்கு, பொருள், தமிழ், செலவு

Audio Overview **Video Overview**

Mind Map **Reports**

Flashcards **Quiz**

Infographic **Slide Deck**

Studio output will be saved here. After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!

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

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.

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

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).

Studio

Create an Audio Overview in: தினி, வாரா, ஆண்டு, நாள், மாதம், மாணிக்கு, பொருள், தமிழ், செலவு

Audio Overview **Video Overview**

Mind Map **Reports**

Flashcards **Quiz**

Infographic **Slide Deck**

Studio output will be saved here. After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!

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 concept map or explain the topic clearly.

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.

Concept Map: Web Development & Browser Functionality

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

Studio

Create an Audio Overview in: தினி, வாரா, ஆண்டு, நாள், மாதம், மாணிக்கு, பொருள், தமிழ், செலவு

Audio Overview **Video Overview**

Mind Map **Reports**

Flashcards **Quiz**

Infographic **Slide Deck**

Studio output will be saved here. After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!