

## **Practical 12: Notebook LM Project**

### Aim

To create revision notes using Notebook LM.

### Objectives

- To generate study guide
- To create flashcards

### Materials Required

- Notebo

### ok LM Procedure

1. Create Notebook LM project – Start a new project in Notebook LM 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 Notebook LM'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.

# OUTPUT:-

## i. Combined study guide:-

This comprehensive study guide integrates all key topics from the "New Age Life Skills – IT Skills" course, including internet basics, professional communication, cloud technology, social media branding, and digital safety.

**1. Internet Fundamentals and Web Browsing**

- The Internet vs. The Web:** The **Internet** is the global infrastructure of hardware, cables, and servers <sup>1</sup>. The **World Wide Web (WWW)** is a service running on that hardware that allows users to access websites <sup>1</sup>. For example, using the YouTube app uses the Internet, but opening youtube.com in a browser uses the Web <sup>2</sup>.
- Web Browsers:** These are software applications (e.g., Google Chrome, Mozilla Firefox, Microsoft Edge) used to retrieve and display web content <sup>2</sup> <sup>3</sup>.
- Browser Features:** Key features include the **Address Bar** for URLs, **Incognito Mode** for private browsing, and **Security Indicators** like the HTTPS padlock symbol, which signifies a secure site <sup>3</sup>  
...

**2. Professional Email and Communication**

- Email Basics:** Email works on a **store-and-forward** model <sup>4</sup>. An email ID consists of a

## ii. Flash cards:-

Building a Professional Digital Brand: LinkedIn Strategy for Students

Sources

- You can use this foundation to structure eff...
- Summarize Textbook Chapters: 10 Proven ...
- You will find ten proven techniques for cond...
- Cornell Note Taking Method
- Detailed steps for summarising and testing ...

7 more sources

Chat

Generate flash cards for quick revision.

Here are flashcards designed for quick revision, covering the key concepts from the provided sources.

Internet & Email Fundamentals

- Front: What is the difference between the **Internet** and the **World Wide Web (WWW)**?
  - Back: The **Internet** is the hardware infrastructure (cables, servers); the **Web** is a service running on it (websites) <sup>1</sup>.
- Front: In an email, what is the difference between **CC** and **BCC**?
  - Back: **CC (Carbon Copy)** sends a copy visible to all; **BCC (Blind Carbon Copy)** sends a copy to hidden recipients to protect privacy <sup>2</sup>.
- Front: What are the three parts of an **email ID**?
  - Back: **Username** (chosen by user), the **@ separator**, and the **Domain** (provider) <sup>2</sup> <sup>3</sup>.
- Front: What is the "store-and-forward" model?
  - Back: The system where an email client sends a message to a mail server, which then forwards it to the recipient's server <sup>3</sup>.

Studio

Create an Audio Overview in हिन्दी, तमाङ, मुळगाड्ही, अंग्रेजी, अमरावती, माराठी, कन्नड, तेलुगू, तमിഴ്, മലയാളം

Audio Overview Video Overview

Mind Map Reports

Flashcards Quiz

Infographic Slide deck

Digital Skills Flashcards

Digital Flashcards

Add note

### iii. Concept map/explanation:-

The screenshot shows a digital workspace interface with three main sections: Sources, Chat, and Studio.

**Sources:** A sidebar on the left containing a list of documents with checkboxes next to them. The documents include LECTURE 8.docx, Unit3\_Lect7\_content.docx, Unit3\_Lect1\_content.docx, Unit3\_Lect2\_content.docx, Unit3\_Lect3\_content.docx, Unit3\_Lect4\_content (1) (1).docx, and Unit3\_Lect5\_content.docx. Below the list are buttons for 'Delete' and '+ Import'.

**Chat:** The central area where the text of the question is displayed.

**Studio:** A section on the right for creating various types of media. It includes options for 'Audio Overview', 'Video Overview', 'Mind Map', 'Reports', 'Flashcards', 'Quiz', 'Infographic' (marked as BETA), 'Digital Skills Flashcards', and 'Digital Flashcards'. There is also a button for 'Add note'.

**Text in Chat:**

iii. Create a concept map or explanation of the topic.

The "New Age Life Skills – IT Skills" curriculum is designed to transform students from casual internet users into professional digital citizens 1 2 . The topic can be explained as a four-pillar framework: Foundations, Workspace, Persona, and Protection.

1. The Digital Foundation: Internet and Web Basics

The core of this topic is understanding how we access the digital world.

- Infrastructure: There is a critical distinction between the **Internet** (the physical hardware and cables) and the **World Wide Web** (the service of websites running on that hardware) 3 .
- Navigation: **Web Browsers** (Chrome, Edge, Firefox) serve as the interface 4 . Professional usage involves mastering features like **incognito mode** for private browsing and identifying **HTTPS padlock symbols** to ensure a website is secure before entering data 5 .
- Professional Communication: **Email** is the primary professional tool because it leaves a permanent written record 5 6 . Success depends on **Email Etiquette**, such as using clear subject lines (6–8 words), avoiding informal language like "Hey", and replying within 24–48 hours 7 ... .

2. The Digital Workspace: Cloud Storage and Collaboration

Start typing... 9 sources →