

Experiment 12

NotebookLM Project – My Chapter Revision Notes

12. Create a new NotebookLM project titled: “My Chapter Revision Notes”.

Answer:

A new NotebookLM project titled “My Chapter Revision Notes” was successfully created for chapter-wise revision and study.

a) Upload multiple sources (any 2)

The following sources were uploaded in NotebookLM:

i. PDF Notes:

A PDF file containing chapter notes related to C Programming (Escape Sequences) was uploaded.

ii. Web Article:

A web article related to C language basics and escape characters was added as a source.

iii. Text copied into NotebookLM:

Important definitions and examples were copied and pasted directly into NotebookLM as text input.

b) Tasks performed using NotebookLM

i. Combined Study Guide:

NotebookLM generated a combined study guide by merging information from all uploaded sources. The study guide included definitions, explanations, and examples in a structured format.

ii. Flashcards for Quick Revision:

NotebookLM generated flashcards covering important concepts such as definition of escape sequences, common escape characters, and their usage in C programs.

iii. Concept Map / Explanation:

NotebookLM created a concept map and explanation showing the meaning, types, syntax, and usage of escape sequences in C programming.

c) Manual Checking of AI Output

i. Incorrect Facts:

No major incorrect facts were found. The generated content matched standard C

programming concepts.

ii. Repeated Information:

Some definitions were repeated across the study guide and flashcards.

iii. Missing Important Points:

Some advanced examples were missing, which were later added manually.

d) Screenshots Attached

The following screenshots were attached from NotebookLM:

- i. Screenshot of the Combined Study Guide
- ii. Screenshot of the Flashcards for Quick Revision
- iii. Screenshot of the Concept Map / Explanation

The screenshot shows the interface of the NotebookLM app. At the top, there is a navigation bar with icons for 'Create notebook', 'Analytics', 'Share', 'Settings', 'PRO', and a user profile picture. Below the navigation bar, the main content area has a header 'Studio > Note'. The title of the note is 'My Chapter Revision Notes'. A sub-note message '(Saved responses are view only)' is visible. The main text content of the note reads: 'The provided text is a comprehensive question bank designed for teaching Programming Fundamentals and the C Language. This resource is structured into multiple sections, starting with a multiple-choice quiz that tests core concepts like the definition of programming, characteristics of C, and flowchart symbols. Following the quiz, the document presents both short answer questions and more complex long answer questions that require deeper explanation or code writing. These latter sections cover topics such as defining programming terminology, explaining language types (compiled vs. interpreted), describing the structure of a C program, and discussing the history and applications of the C language.' At the bottom of the note, there is a button labeled 'Convert to source'. On the left side of the screen, there is a sidebar with some text and a circular arrow icon.