Practical 12

Aim

- To create revision notes using NotebookLM.

Objectives:

- To generate study guide
- To create flashcards

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

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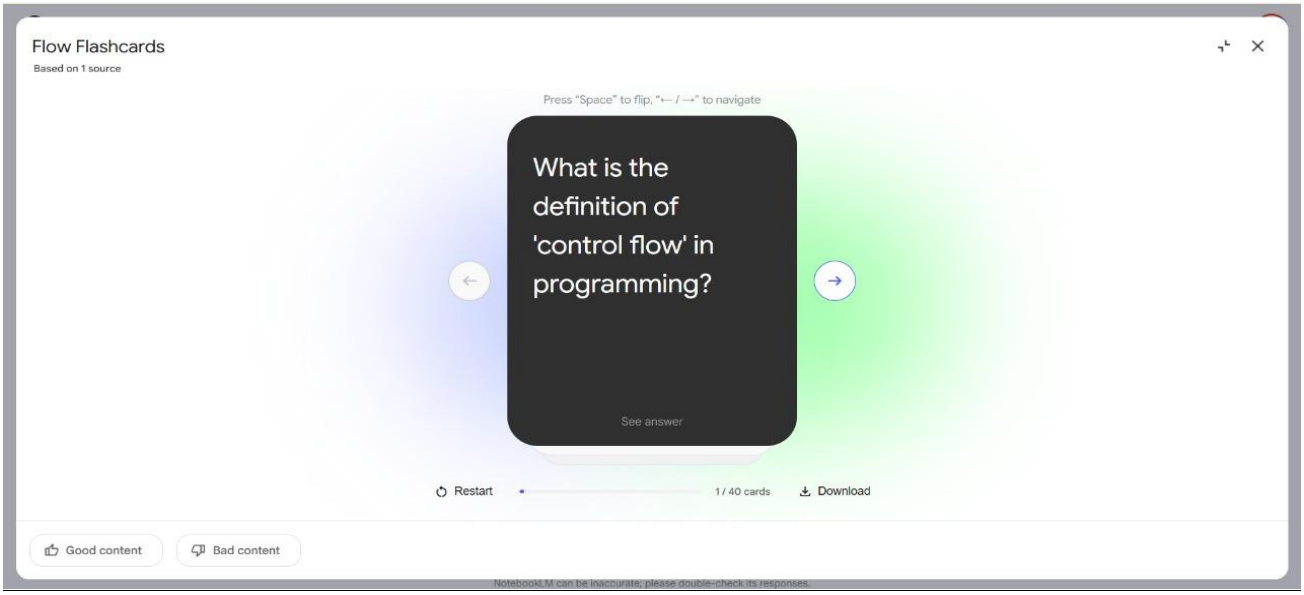
3. Generate study guide – Use NotebookLM's tools to create a structured study guide summarizing key concepts from the uploaded resources.

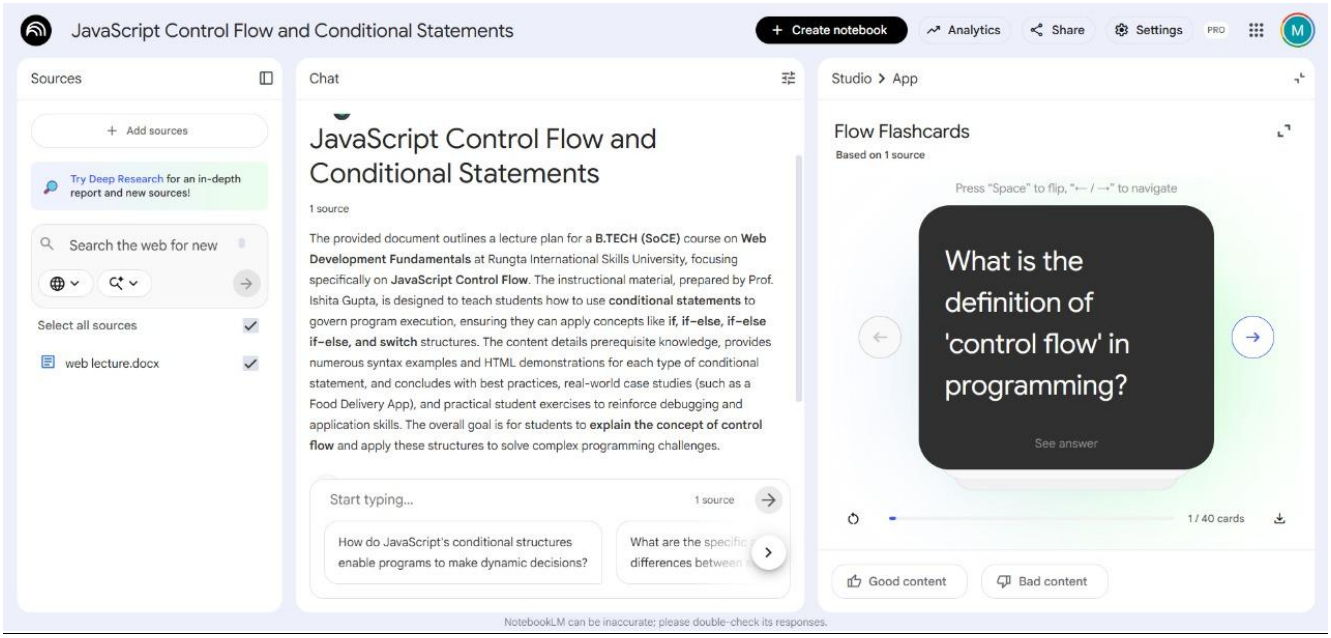
4. Generate flashcards – Automatically produce flashcards that highlight important facts, terms, or ideas for easier review.

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

---Output---


Flow Flashcards
Based on 1 source
Press "Space" to flip, "← / →" to navigate
What is the definition of 'control flow' in programming?
See answer
Restart
1 / 40 cards
Download
Good content
Bad content
NotebookLM can be inaccurate; please double-check its responses.


JavaScript Control Flow and Conditional Statements
+ Create notebook
Analytics
Share
Settings
PRO
Sources
+ Add sources
Try Deep Research for an in-depth report and new sources!
Search the web for new
Select all sources
web lecture.docx
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JavaScript Control Flow and Conditional Statements
1 source
The provided document outlines a lecture plan for a B.TECH (SoCE) course on Web Development Fundamentals at Rungta International Skills University, focusing specifically on JavaScript Control Flow. The instructional material, prepared by Prof. Ishita Gupta, is designed to teach students how to use conditional statements to govern program execution, ensuring they can apply concepts like if, if–else, if–else if–else, and switch structures. The content details prerequisite knowledge, provides numerous syntax examples and HTML demonstrations for each type of conditional statement, and concludes with best practices, real-world case studies (such as a Food Delivery App), and practical student exercises to reinforce debugging and application skills. The overall goal is for students to explain the concept of control flow and apply these structures to solve complex programming challenges.
Start typing...
1 source
How do JavaScript's conditional structures enable programs to make dynamic decisions?
Studio > App
Flow Flashcards
Based on 1 source
Press "Space" to flip, "← / →" to navigate
What is the definition of 'control flow' in programming?
See answer
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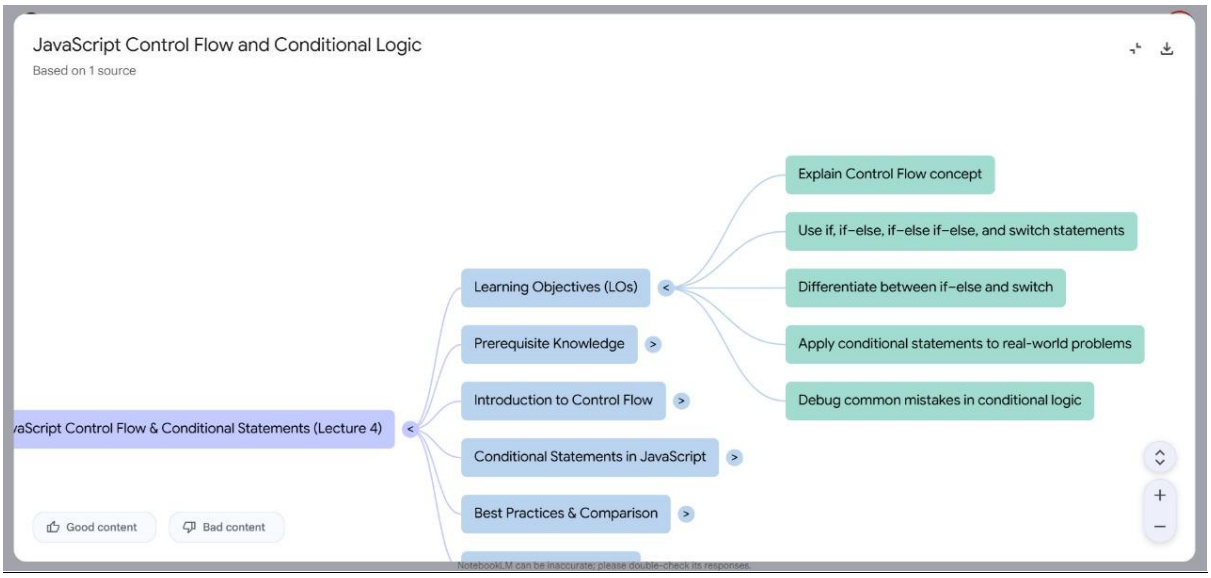
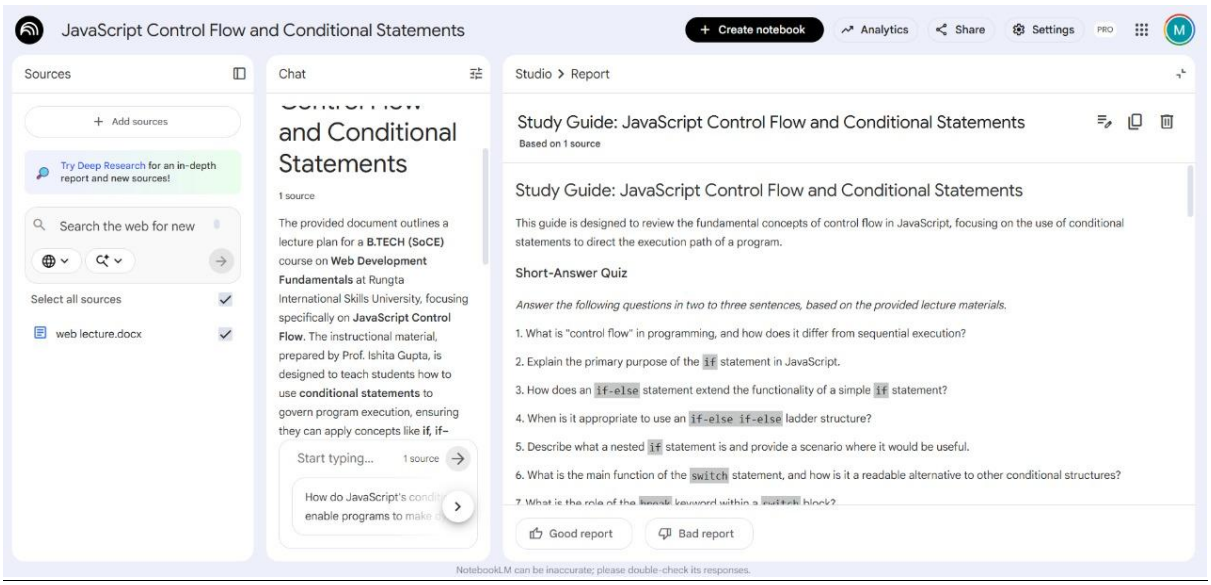

JavaScript Control Flow and Conditional Logic
Based on 1 source
Explain Control Flow concept
Use if, if–else, if–else if–else, and switch statements
Learning Objectives (LOs)
Differentiate between if–else and switch
Prerequisite Knowledge
Apply conditional statements to real-world problems
Introduction to Control Flow
Debug common mistakes in conditional logic
vaScript Control Flow & Conditional Statements (Lecture 4)
Conditional Statements in JavaScript
Best Practices & Comparison
Good content
Bad content
NotebookLM can be inaccurate; please double-check its responses.


JavaScript Control Flow and Conditional Statements
Create notebook
Analytics
Share
Settings
PRO
Sources
Add sources
Try Deep Research for an in-depth report and new sources!
Search the web for new
Select all sources
web lecture.docx
Chat
and Conditional Statements
1 source
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Start typing...
1 source
How do JavaScript's
enable programs to
Studio > Report
Study Guide: JavaScript Control Flow and Conditional Statements
Based on 1 source
Study Guide: JavaScript Control Flow and Conditional Statements
This guide is designed to review the fundamental concepts of control flow in JavaScript, focusing on the use of conditional statements to direct the execution path of a program.
Short-Answer Quiz
Answer the following questions in two to three sentences, based on the provided lecture materials.
1. What is "control flow" in programming, and how does it differ from sequential execution?
2. Explain the primary purpose of the if statement in JavaScript.
3. How does an if-else statement extend the functionality of a simple if statement?
4. When is it appropriate to use an if-else if-else ladder structure?
5. Describe what a nested if statement is and provide a scenario where it would be useful.
6. What is the main function of the switch statement, and how is it a readable alternative to other conditional structures?
Good report
Bad report
NotebookLM can be inaccurate; please double-check its responses.