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.

~OUTPUT~

JavaScript Control Flow and Conditional Statements

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Sources

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Control Flow and Conditional Statements

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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–**

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How do JavaScript's condi... enable programs to make ... →

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Study Guide: JavaScript Control Flow and Conditional Statements
Based on 1 source

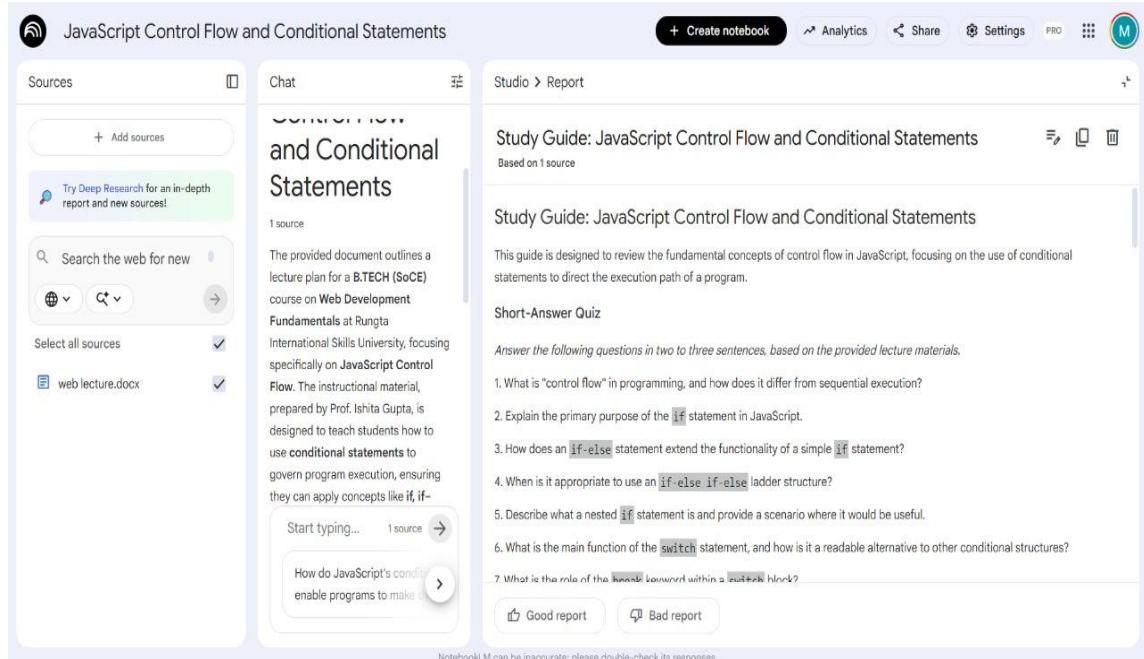#### Study Guide: JavaScript Control Flow and Conditional Statements

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?

7. What is the role of the `break` keyword within a `switch` block?

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Flow Flashcards
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Press "Space" to flip. "← / →" to navigate

What is the definition of 'control flow' in programming?

See answer

↻ Restart   •   1 / 40 cards   ⬇ Download

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JavaScript Control Flow and Conditional Logic

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```
JavaScript Control Flow & Conditional Statements (Lecture 4)  <
    ├── Learning Objectives (LOs)  <
    │       ├── Explain Control Flow concept
    │       ├── Use if, if–else, if–else if–else, and switch statements
    │       ├── Differentiate between if–else and switch
    │       ├── Apply conditional statements to real-world problems
    │       └── Debug common mistakes in conditional logic
    ├── Prerequisite Knowledge  >
    ├── Introduction to Control Flow  >
    ├── Conditional Statements in JavaScript  >
    └── Best Practices & Comparison  >
```

👍 Good content   👎 Bad content

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