

Q1. What are conditional statements? Explain conditional statements with syntax and examples.

Conditional statements are programming constructs that allow you to execute certain blocks of code based on whether a specified condition evaluates to true or false. They enable decision-making in your programs, allowing different outcomes based on different inputs or states.

Types of Conditional Statements in JavaScript

1. if Statement

Use Case: Executes a block of code if a specified condition is true.

2. if...else Statement

Use Case: Executes one block of code if the condition is true, and another block if it is false.

3. if...else if...else Statement

Use Case: Allows you to test multiple conditions sequentially.