# JavaScript Nested if Statements Notes

## Overview

- **Nested if Statements**: Place `if` statements inside others to test complex conditions.

- Example:
```
if (c === d) {
    if (x === y) {
        g = h;
    } else if (a === b) {
        g = h;
    } else {
        e = f;
    }
} else {
    e = f;
}
```

- Equivalent to: `if ((x === y || a === b) && c === d) { g = h; } else { e = f; }`

## Structure

- Nested blocks are enclosed in curly brackets `{}`.

- Indent 2 spaces per level for readability.

- Outer `if` condition must be true for inner blocks to execute.

## Usage

- Useful for complex logic but less concise than multiple conditions with `&&` and `||`.

- Prefer multiple conditions for simpler cases.

## Style

- Use `===` for equality checks.

- Always use curly brackets `{}` and indent consistently.