

JavaScript if...else Statements Notes

Overview

- **if...else:** Handles true and false conditions.
- Example: `if (x === "Vatican") { alert("Correct!"); } else { alert("Wrong answer"); }`
- **else** executes if **if** condition is false.
- **else if:** Tests additional conditions if previous ones fail.
- Example: `if (x === "Vatican") { alert("Correct!"); } else if (x === "Rome") { alert("Incorrect but close"); } else { alert("Incorrect"); }`

Behavior

- JavaScript stops at the first true condition in **if/else if** series.
- Multiple statements can execute in **if**, **else if**, or **else** blocks.

Style

- Use `===` for equality checks.
- Consistent formatting: space after **if/else if/else**, always use curly brackets `{}`, no semicolon after.
- More concise and readable than multiple **if** statements.