JavaScript Multiple Conditions Notes

Overview

- **Multiple Conditions**: Use `&&` (AND) and `||` (OR) to test sets of conditions in `if` statements.

  - `&&`: All conditions must be true for the block to execute.

  - `||`: At least one condition must be true for the block to execute.

Examples

- `if (weight > 300 && time < 6) { ... }`: Executes if both conditions are true (e.g., NFL lineman tryout).

- Use parentheses to clarify logic:

  - `if (age > 65 || (age < 21 && res === "U.S.")) { ... }`: Pass if over 65 anywhere or under 21 and in U.S.

  - Without parentheses, `&&` takes precedence over `||`, which may change the logic.

Style

- Use `===` for equality checks.

- Always use curly brackets `{}` for `if` blocks, no semicolon after.

- Parentheses improve readability and ensure correct condition grouping.