JavaScript Number Conversion Notes

Overview

- Convert between strings and numbers for arithmetic or formatting purposes.

Key Concepts

- **String to Number**:
  - Use `Number()` to convert strings to numbers (integers or floating-point).
  - Example: `var num = Number("24");` → `num` is 24 (integer).
  - Example: `var num = Number("24.9876");` → `num` is 24.9876 (floating-point).
  - Alternative to `parseInt()` (integers, truncates decimals) and `parseFloat()` (preserves decimals).

- **Number to String**:
  - Use `toString()` to convert numbers to strings for formatting.
  - Example: `var numberAsNumber = 1234; var numberAsString = numberAsNumber.toSt` → `numberAsString` is `"1234"`.

- **Use Case**:
  - Convert numbers to strings for display formatting (e.g., adding commas).
  - Convert strings to numbers for arithmetic when `parseInt` or `parseFloat` isn't specific enough.