2 Type Coercion & Type Conversion

Type Conversion (Explicit)

Manually converting one type to another using functions.

Example: Explicit Conversion

```
let num = "42";
console.log(Number(num)); // 42 (String → Number)
console.log(String(100)); // "100" (Number → String)
console.log(Boolean(0)); // false (Falsy value → Boolean)
```

Type Coercion (Implicit)

JavaScript automatically converts types in operations.

Example: Implicit Coercion

```
console.log(5 + "10"); // "510" (Number → String)
console.log("5" - 2); // 3 (String → Number)
console.log(true + 1); // 2 (Boolean → Number)
```