

JavaScript Essentials: From Zero to Hero

Chapter 1: Variables and Data Types

In JavaScript, variables are containers for storing data values. You can create one using `let`, `const`, or the older `var`.

```
let name = "Alex";  
const pi = 3.14;
```

- `let` → value can change
- `const` → value cannot change
- `var` → old way, avoid using it in modern JS

Data Types You'll Use a Lot:

- String → `"Hello"`
- Number → `42`
- Boolean → `true` or `false`
- Array → `[1, 2, 3]`
- Object → `{ name: "Alex", age: 25 }`

Try It Yourself:

1. Declare a variable for your name.
2. Store your age as a number.
3. Create an object that stores both.