1. Scope

* Global scope
* Function scope
* Block Scope
* Lexical Scope

**Scoping**: How the program’s variables are organised and accessed.

**Lexical scoping:** Scoping is controlled by placement of functions and blocks in the code

**Scope:** Space or environment in which a certain variable is **declared:**

* **Global scope**
* **Function scope (aka local scope)**
* **Block scope**

**Graphical user interface, website

Description automatically generated**

* **Var** variables are function scoped
* **Let + const** variables are block scope as per ES6
* **Functions** declared inside a block are only accessible inside that block

Scope Chain:

**Graphical user interface, diagram

Description automatically generated**

* Inner scopes have access to variables from outer scopes
* Var millennial is **function scoped** (think about how if it wasn’t, then all code prior to ES6 would be broken
* **If** and **second** scopes are sibling scopes, so they don’t have access to each other’s variables