Big Words

Syntax Parser	A programm that reads your code and determine what it does and if its grammar is valid.
Lexical Environnement	Where Something sits physically in the code you write and what it surrounds

Single Threaded

One command at a time	Under the hood of the browser, maybe not

Synchronous

One at a time	And in Order

One line of code executed at a time, in the order it appears.

The Global Environnement and Global Object

Execution Context	A wrapper to help manage the code that is running.- There are lots of lexical environnements.Which one is currently running is managed via execution contexts. It can contain things beyond what you've written in your code.
Object	A collection of name value pairs

The Global Environnement and Global Object (cont)

Execution Context(Global)	Creates a Global Object and 'this'. In the browser both refer to the 'window' object. Global Object = this = window
Global	Not inside a function
EC - Creation Phase	Global Object, 'this', Outer Environnement & HOISTING -> Setup memory space for variables and functions
Variables	Are all initially set to undefined