JAVA SCRIPT

USED TO PROGRAMME WEBPAGES

IS A SCRIPTING LANGUAGE

CREATES DYNAMIC WEB PAGES

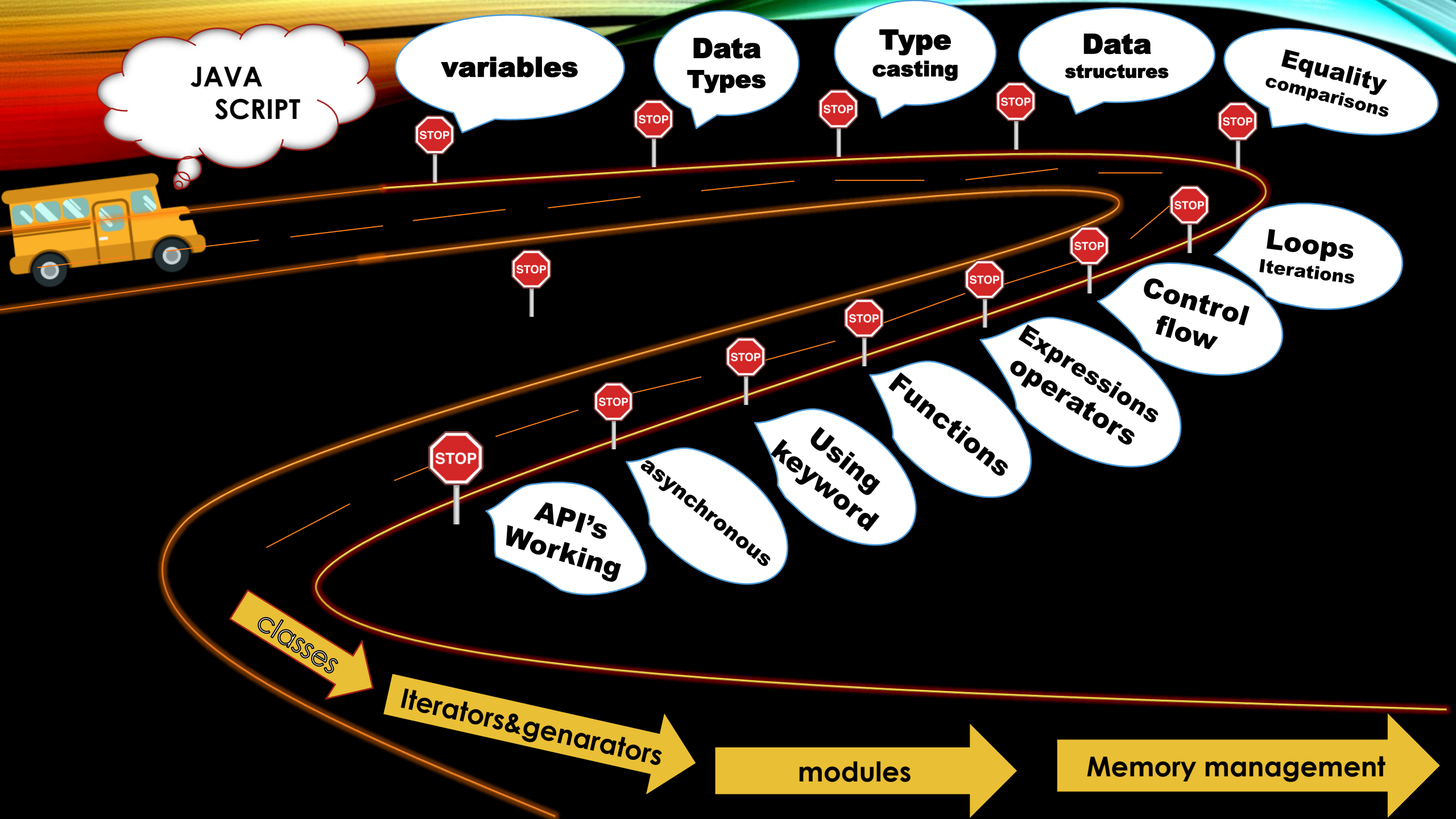
JavaScript was initially created by Brendan Eich of NetScape and was first announced in a press release by Netscape in 1995.

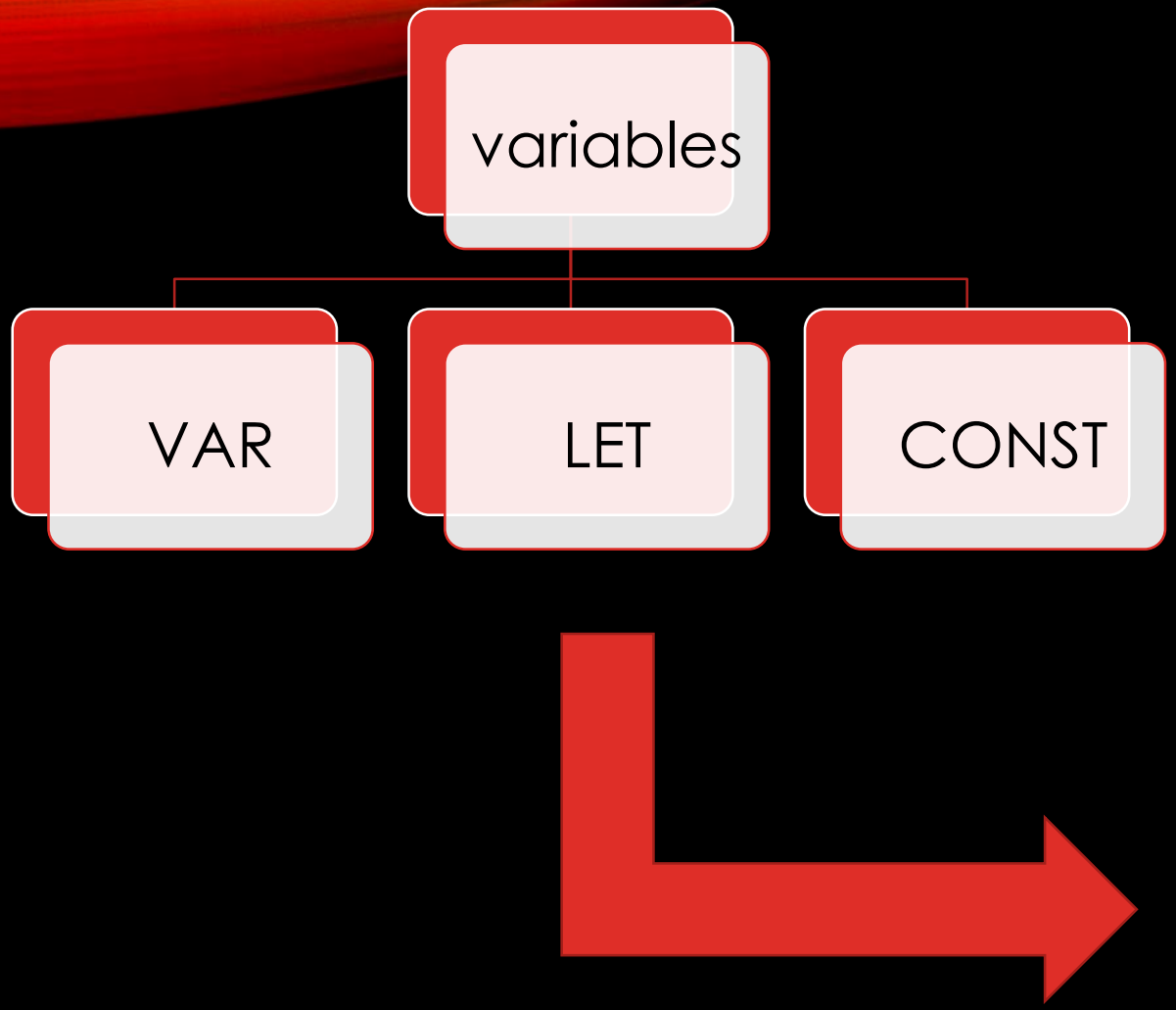
JavaScript can be run in the browser by including the external script file using the script tag, writing it within the HTML page using the script tag again, running it in the browser console or you can also use REPL

ECMAScript is the official language name

VERSIONS:

- **ES1**
- **ES2**
- **ES3**
- **ES4**
- **ES5**
- **ES6**


JAVA SCRIPT
variables
Data Types
Type casting
Data structures
Equality comparisons
Loops Iterations
Control flow
Expressions operators
Functions
Using keyword
asynchronous
API's Working
STOP
classes
Iterators&genarators
modules
Memory management



- Variable Declaration
- Hoisting
- Variable Naming Rules
- Variable Scopes
  - Local
  - Global

DATA TYPES

String

Number

Boolean

Undefined

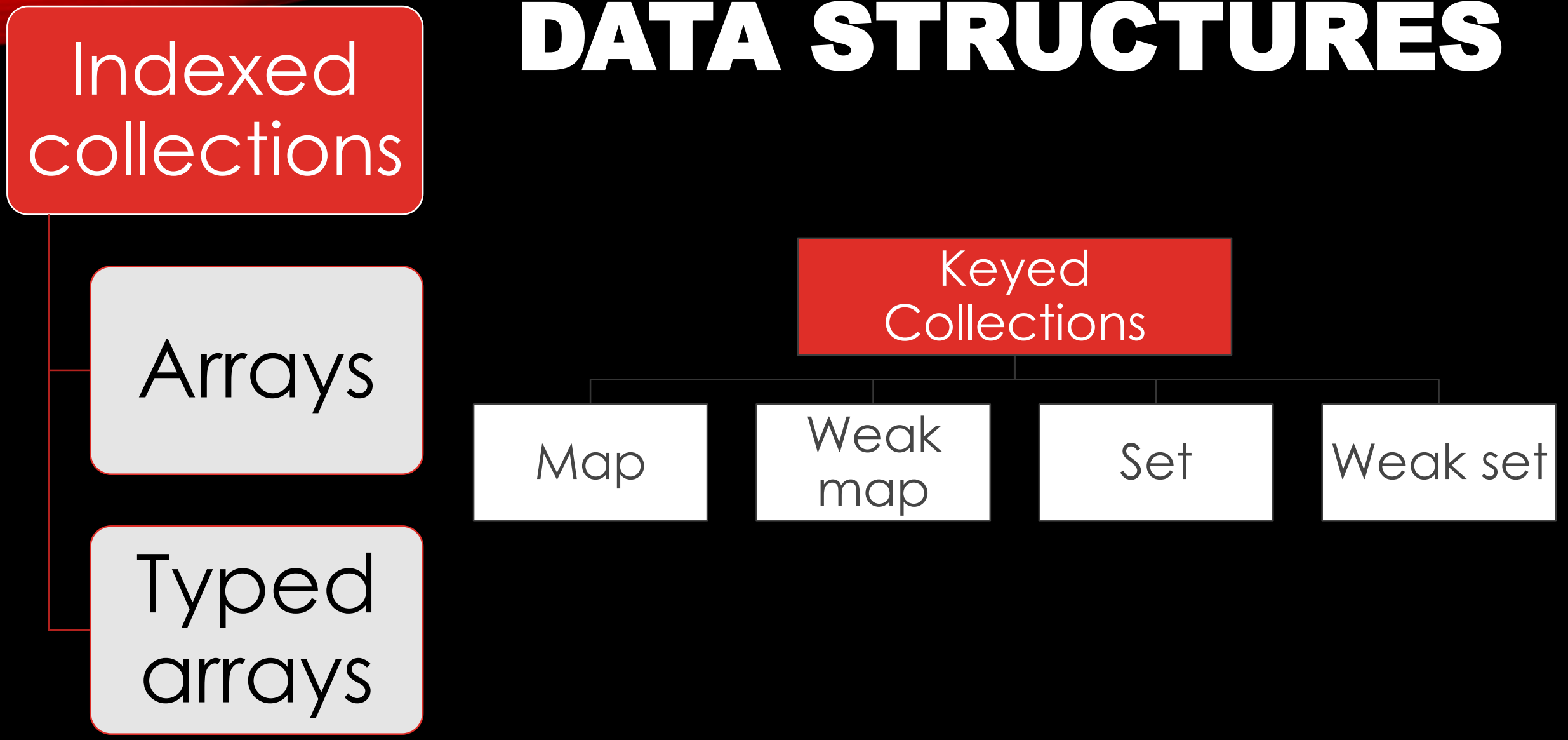
Bigint

Null

Symbol

Object

DATA STRUCTURES



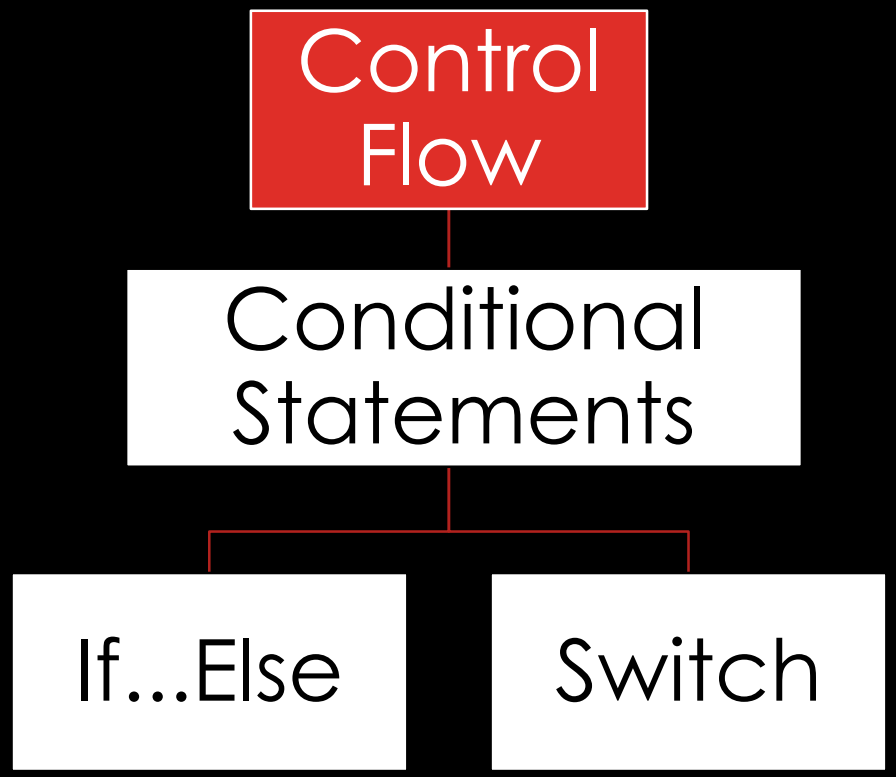
EQUALITY COMPARISONS

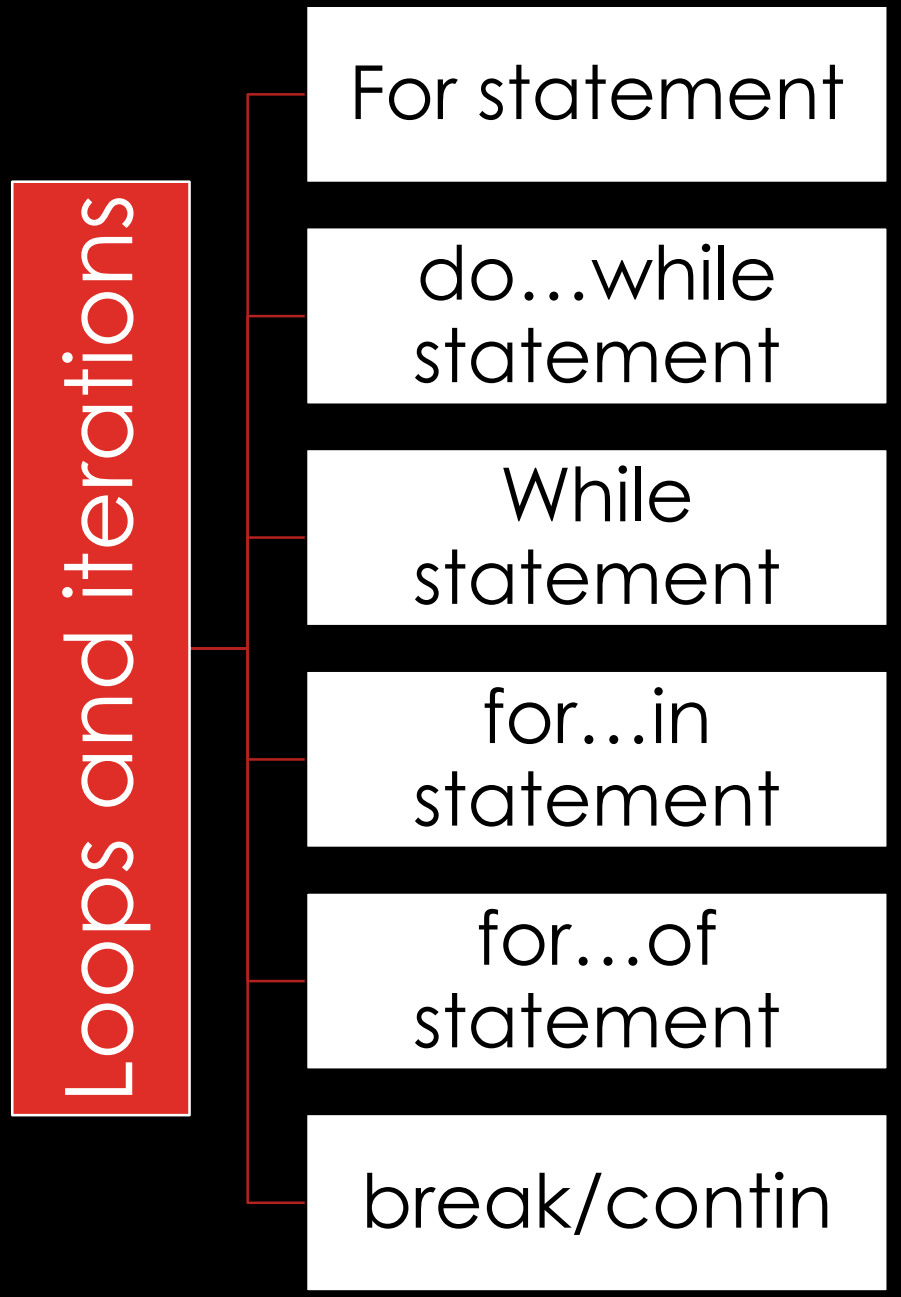
Value Comparison Operators

- ==
- ===
- Object.is

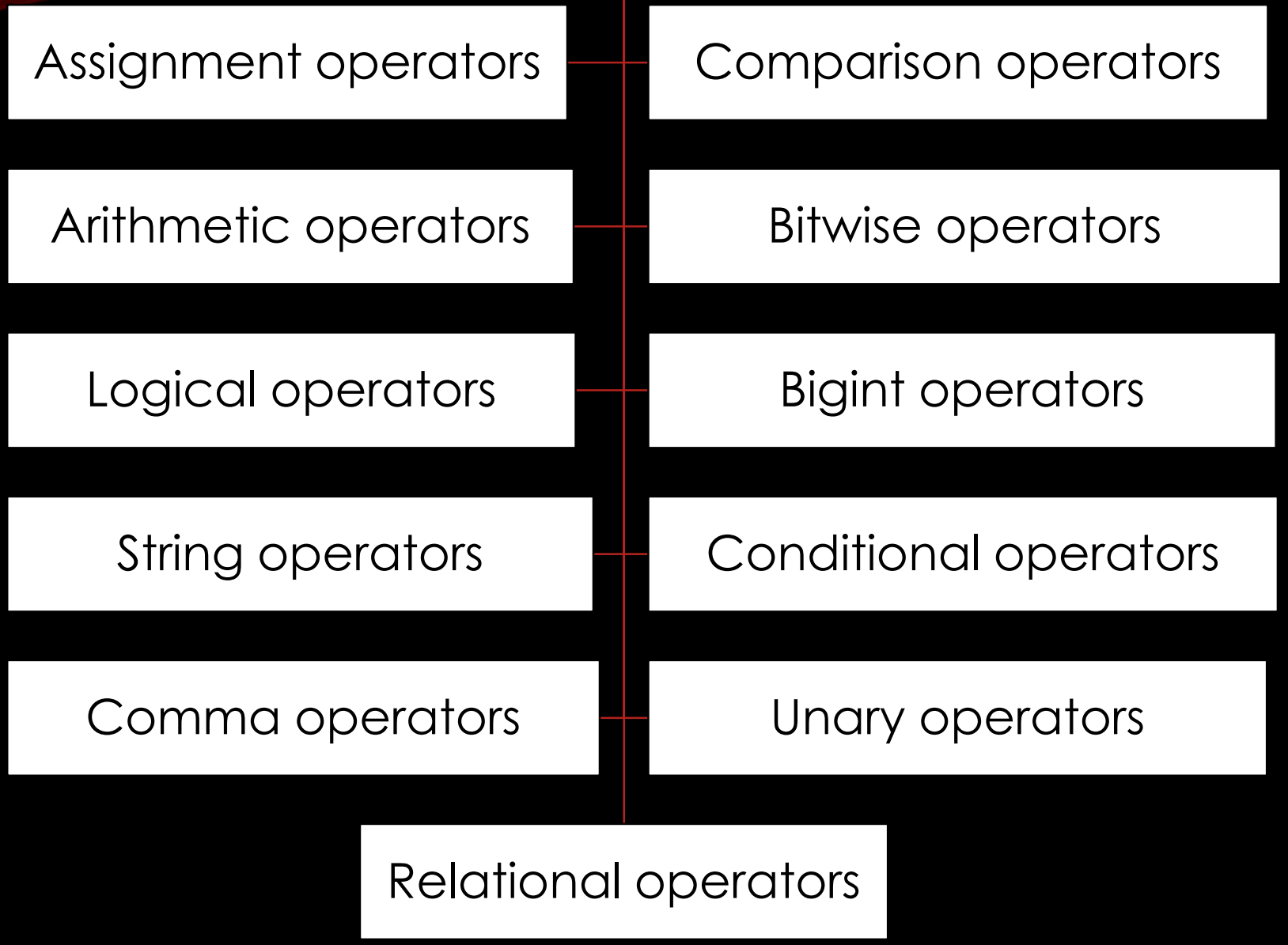
Equality algorithms

- isLooselyEqual
- isStrictlyEqual
- Samevaluezero
- Samevalue

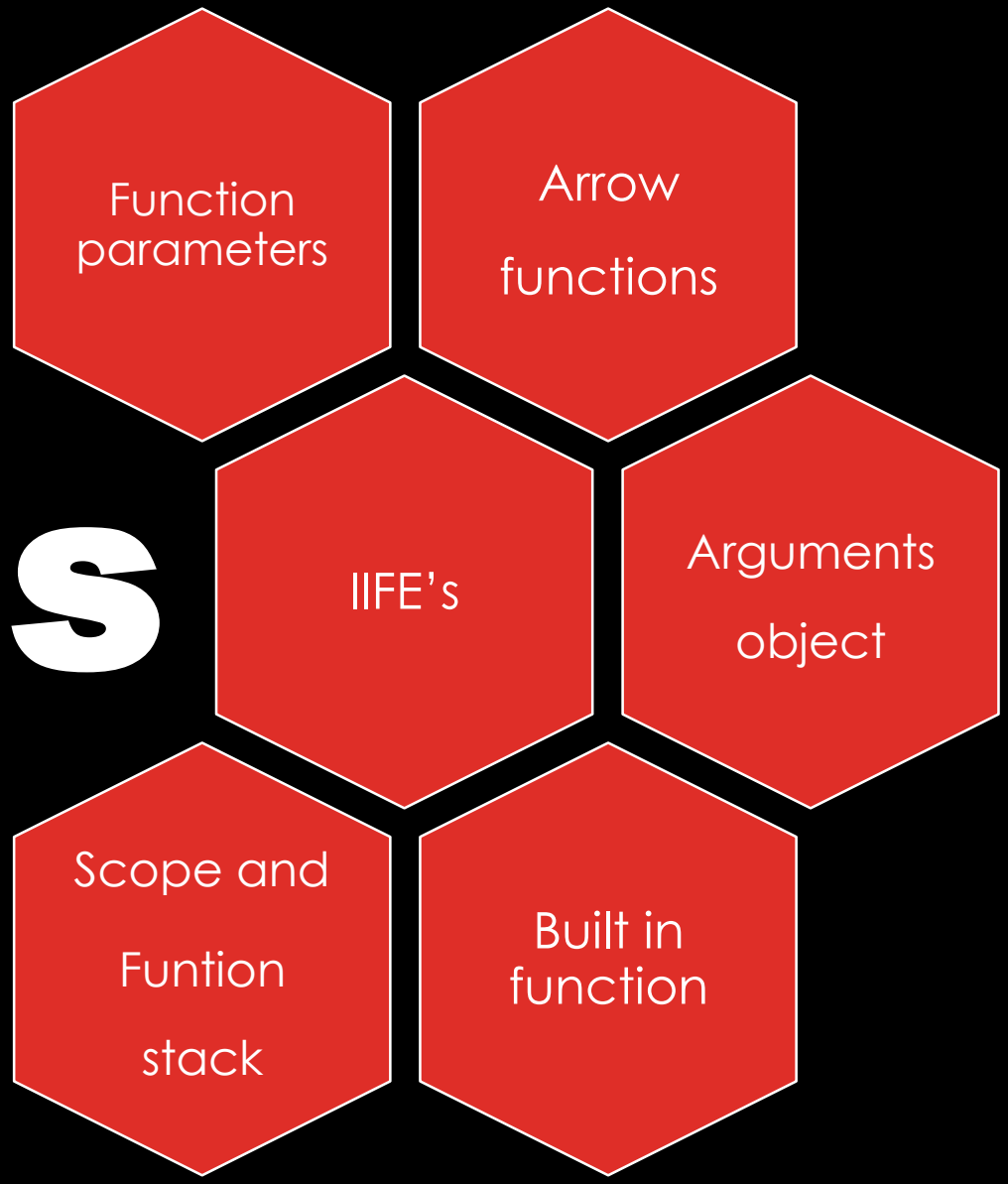

Control Flow
Conditional Statements
If…Else
Switch


Loops and iterations
For statement
do…while statement
While statement
for…in statement
for…of statement
break/contin

Expressions and operators



Functions


Function parameters
Arrow functions
IIFE's
Arguments object
Scope and Funtion stack
Built in function

USING KEYWORD

In a metthod

In a function

In Event Handlers

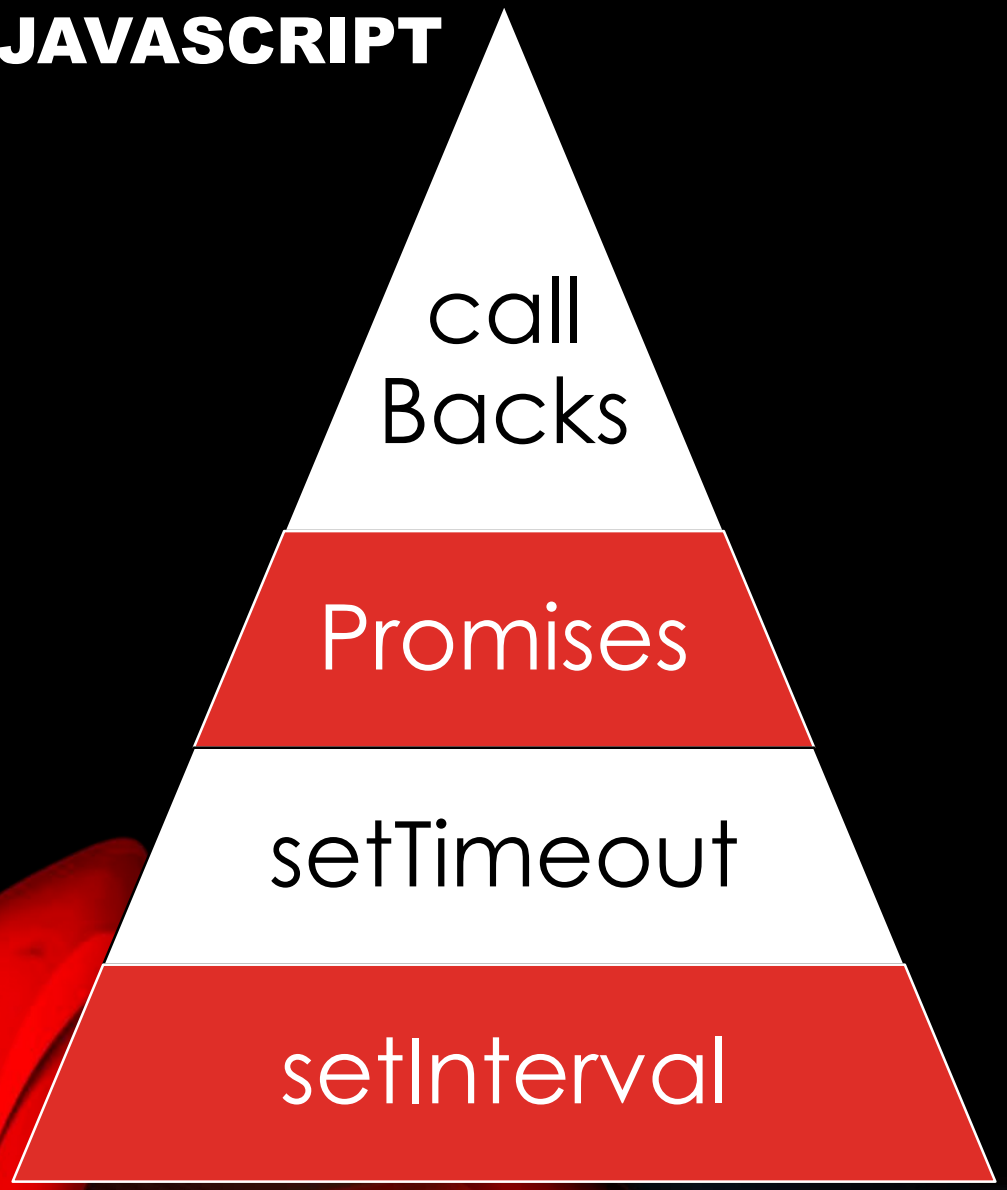
Using It alone

In arrow functions

Explicit binding
#call
#apply
#bind

Function Borrowing

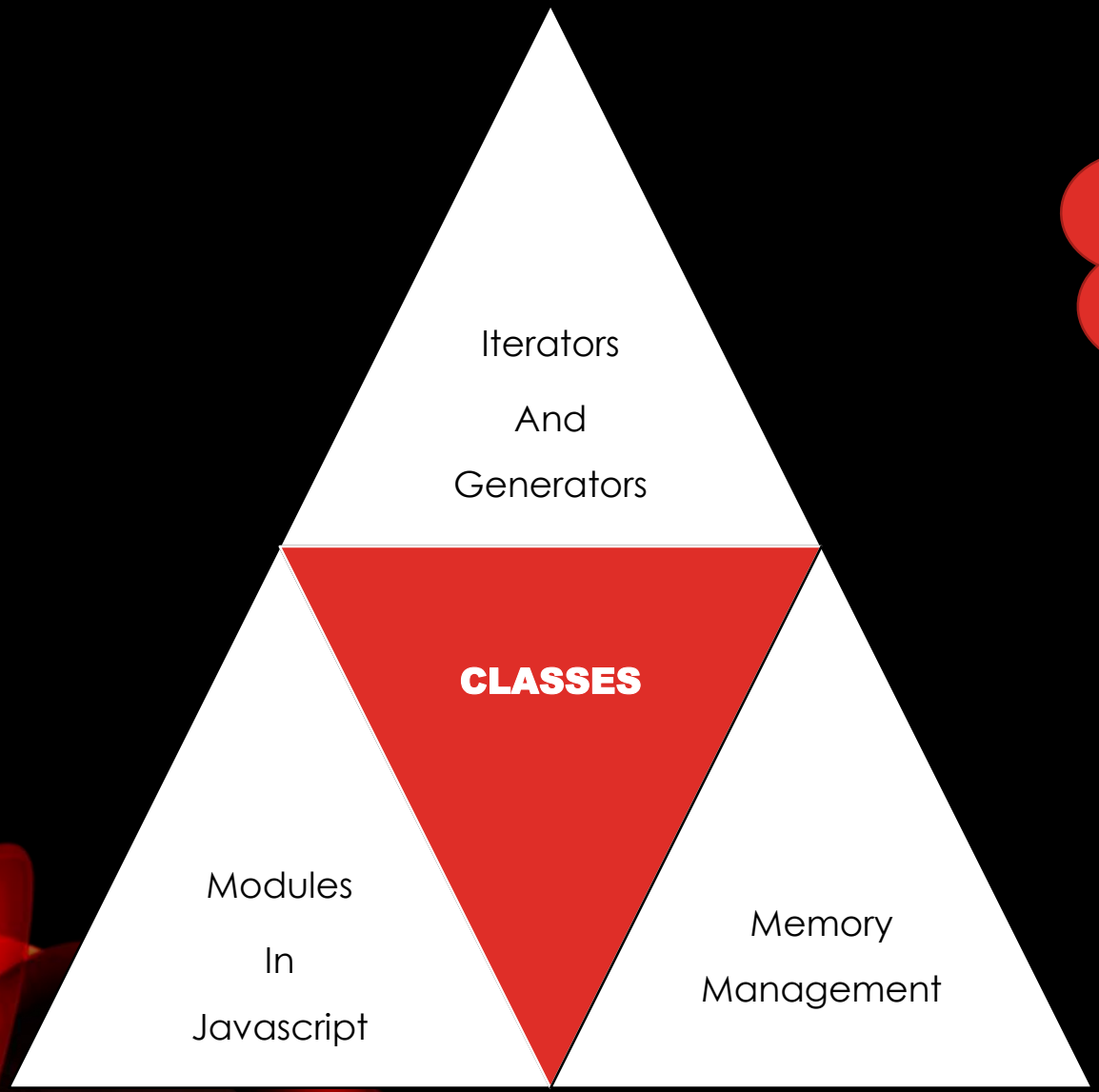
ASYNCHRONOUS JAVASCRIPT



Working with API's

XMLHTTP Request

Fetch



USING CHROME DEV TOOLS

Debugging issues

Debugging Memory leaks

Debugging Performance

By,

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