

Variable and data Types

Variable - store data value

→ let has block scope

→ var has function scope

→ const declare const

Operator - Arithmetic operator : $+$ Addition $+$, Subtraction

- , Multiplication $*$, Division $/$, Modulus $\%0$.

- Comparison Operator $==$, $===$ 'strict equality'

- Logical operator $!!$ (AND), $||$ (OR), $!$ (NOT)

Control Flow

- Conditional statements : if , $else if$, $else$.

Switch statement : $switch$, $case$, $break$

Loops : for , $while$, $do while$

Function

Declaration - `function funname (param) { }`

Arrow function - `const functionName = (param) => { ... }.`

~~function~~

Array

Declaration `let arr = [elem 1, elem 2 ...]`

5. Accessing Elements `arr[index]`

Array methods `push()`, `pop()`, `shift()`, `unshift()`

6. Objects

Declaration: `let obj = { key 1: value 1, key 2: value 2 ... }`

Accessing Property = `obj.key` or `obj[key]`

7. Scope and closure

Global Scope: Variable declared outside fun

Function ~~Set~~ Scope: Variable declared inside fun

Lexical Scope: Nested functions have access to variables in outer scope