

Topics:

Operators:

Arithmetic: +, -, *, /, %(5 % 2 ---> 1 (remainder))

Assignment: =

compariaison: >, <, >=, <=, !=, ==, === all return boolean

Logical: !(not), &&, ||

! --> reverse the truthy -> false & vice versa

// && - all condition should be true for truthy value else false

// || - any condition should true for a truthy value else false

truthy/falsy ->

number anything except 0 evaluates to true value

string anything except '' evalutes to true value

0, '', null, undefined - falsy values

Evaluate truthy or falsy with Boolean(value) or !!value

Boolean: true or false

Conditional Statements:

if else

switch case

== vs ===

looping, conditions, simple problems

looping: it is a process of repeating a block statements again and again

for, while, do while

how many times or when to stop the looping

concepts in looping

initialization, termination condition, inc/dec

Iteration:

iterating over an elements of composite type

iteration only on iterable - available in JS

for...of (through each element) Array

for...in (through index) // Array, Obj

Practice Problems:

1. write a function isOdd to find whether the given number is odd

2. write a function to find the power/exponential of a number & power

3. Function to get the factorial of a number

Next Session:

4. function to print all the fibonacci number till N

Hoisting:

with scope how hoisting works

Arrays & Array Methods

Array - collection of items

Array methods - forEach, Map, filter, reducer, find, findIndex, slice, splice,

Object and JSON iteration:

what is object in JS?

JSON: JavaScript Object Notation

JSON Iteration:

Object.values(obj); // array of values of obj

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Object.keys(obj); // array keys of obj  
for...in
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