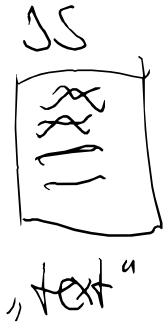


Scribbles for HCS L2C

2024-03-06

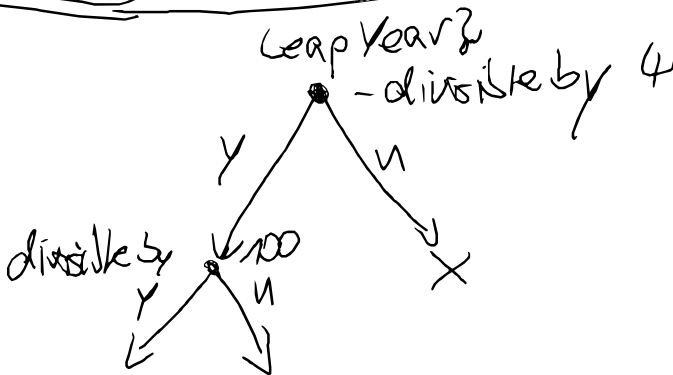


node.js

alternatively "program"

Browser

Chrome
Firefox
Edge



Math.floor(6.5) ↖ Parameter

↳ 6 (round it down)

Math.random()

↳ 0.1121

I get a value

977h3872

use the
value
as parameter

Math.floor ()

"Hello" + "World!"

Concatenated:
"Hello World!"

"Length is: " + 6

Exercise: „Dice Throw“

Solution

1. Get a random number
between 0... 1
2. Get a random number between
0... 5
3. Make it an Integer between
1 and 6.

2024-03-08

data types

- numbers

(JS doesn't differentiate
fractional and "whole" numbers)

↳ floating

↳ integers

- strings (text)

- boolean (true/false)

- undefined & null

↳ "Empty"

- complex data types: Array^(list) & Object^(key-value pair)

- functions

node

"a program
to run / execute
JavaScript"

↳ Interpreter

Terminal / Shell

→ part of your operating system

→ this can run other programs

↳ eg node

↳ pwd | print working directory

↳ ls | list files

↳ cd | change directory

⇒ For now, ~~always~~ use
"Open in integrated Terminal"
when you're stuck.

Variables

to define a variable
there are three keywords:

- let
- const
- var