Rough2
Friday, 22 September 2023 9:24 AM

— Javascript :-

3D

① Created the cube
② colour the cube
③ Rotated the cube

HTML → Skeleton Creation
CSS → Style the Model
Javascript → create the functionality

② Scripting Language (not Prog^n)
Python, C++, C
↓
Browser

(no memory mng^t)
① High level lang^g :- "robot" by browser
② Interpreted lang^g ← GCC (compiler)
③ object-oriented lang^g : all of data { object { key : value } }
10 C++, C# | Py, JS | PHP
Conf^n | Int | class, object

— JS
Script → Browser.js → HTML, CSS Man^n
Programing → code JS on server
Node JS
↳ all the Script language run on server
server

Man^n HTML, CSS
↳ create son fun^n in Web Page

Get
Post
Form
Get
yes/no
Comp^n
(J-S)
Database
Front-End
Back-end

JS → ①
JS → ②
HTML
CSS
changing color
Web Page Instead
Manipulation
DOM
DOM Manipulation
Programming
Creating a calculator
making a sum of two no.
Syntax diff
change HTML & style
(easy to write)
Syntax diff

① Web dev
② Mobile dev
③ server side dev
④ desktop App dev
⑤ A.I
⑥ testing

Java script

① Print Statement :- (output)
← logging
— Display
— Seing the output of executed thing

— 2+3 = 5
2 + 3 = 5
console.log(5)

— variable :-
(container)
Specify stores the value
variable

num1 = 2
num2 = 3
← Assignment
Assigning
num1 + num2
console.log(num1 + num2) → 5
Expressing
num3 = num1 + num2
console.log(num3) → 5

① const → constant
Scope
const num1 = 3
cannot change num1
Scope
let num1 = 3
num1 = 6
Java → ↓
var → ✗

① Data Types - The type of data a variable can store

assign to
2 → "Hello String"
A
B
String

① String → "Hello String" ← calculation
② Number → 5 ← 56, 65, 5.5, 5.5
③ Big int → BigInt(9007199254740991) 1234567890123456789n
④ Boolean → true, false
⑤ undefined → undefined
⑥ Null → Null
Symbol
⑦ object :- { name : "jon", age : 29 }
3

Add
Sub
Mult
div
+ − * / %
* * | % | 25 % 1
Mod
2

x = 5
2 = 2 ** 2
2 = 25
2 √5
−4
1