JAVASCRIPT DELTA Pg No (MERN) Express React Node js MongoDB Database Backend frontend frontend liabraries -> Installing NodeTS 416.13.1 LTS version Lopen como Lo see the nodejs version/ Lo node (To open node L'open talder L'open talder New terminal L'irst journes cript code en L'oreate a file in folder (test.js) 1. console. log ('Mello Palme!)

Ly To ron -> New terminal -> node test.)s output - Hello Rahul

reale index. Ltml 1) type - I and press and tas SKELETON OF WEBSITE · index. html < 1 DOCTYPE html> < html lang = "en"> Start -> < head > end - > / head > start >> < body > end => </body> </h - Tutall live server Ly Ritwick Dery ⇒ variables Tho need to define variable type.

Li Is is dynamically typed variable Keyword var a = 1 am a string! var a = true console. log(a) output, thu a debtone

		Date
		Keyword DELTA PANOL
		1/22 - 1021
	2	1 at - mail
	3.	const no redeclaration, no reassignment Js to cats function a
		reasion no reasion
		To to cat simon
7	40	Js to cats function as first class stizen Is doesn't differentiate last
		efferentiate between to and
-		Is doesn't differentiate between for and variable
-	-	example example oldet add = (to aline to all
-		I I I I I moderately invoked turching I is
-		example (faction expression)
-		(Junction (a, 6) }
		return att
		3. 3)(10,20)
	#/	Turball ando
	77	La of the runner for easily runs
		Justall code runner for easily running the
		ARRAYS
+		
+		# A
1	•	Arrays in Is can contain all
		datatypes in sauce and litterent
4		of sund whay unlike JAVA and aller lang.
		Arrays in Js can contain elements of different datatypes in same array (unlike JAVA and after long.)
		Le let an F7
		the an = []
+		Array declaration Lolet arr = [] Lolet arr = ['falul', 2, false, null]
+		
	-	1) Pop method() - Removes the last element of
	(a) Partials
1		1) of method () - Removes the last element of
1		1) rop method () - Removes the last element of the array (Inbuilt method)
1		-) an PARC)
		man. pop ()
1		

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(2) & push () more ad - Adde the	
(2) & push () method - Adds the ele end of array	meson - jug
arr. push ('value')	
(3) 8 shift method - removes the	1001 000 0
All and	first educa
-> an. shift ()	
(4) unshift method - adds the first of the array.	element
of the array	
	110
-> Multidémentional Array	
let matoix = [
[1,2,3],	
[4,5,6],	1000
[7,8,9],	13/1/14
STRING	
01"\1109	
It is a sequence of characters	
Methods	
(1) -> Extracting a part of string	
(a) Slice (Start, End+i)	A TO DO
(1) -> Extractive a part of string (a) Stice (Start, End+i) let str = Rabit frome!	
sto. slice (0,5)	
a land - Rahad	

out

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(b) substr (Start, length)
str. substr (\$5,5")
Output - anand Replacing string content str. replace ('007', '2712')
suffect - Robul Anand 7/2 Capital Small str. to Lower Case ()

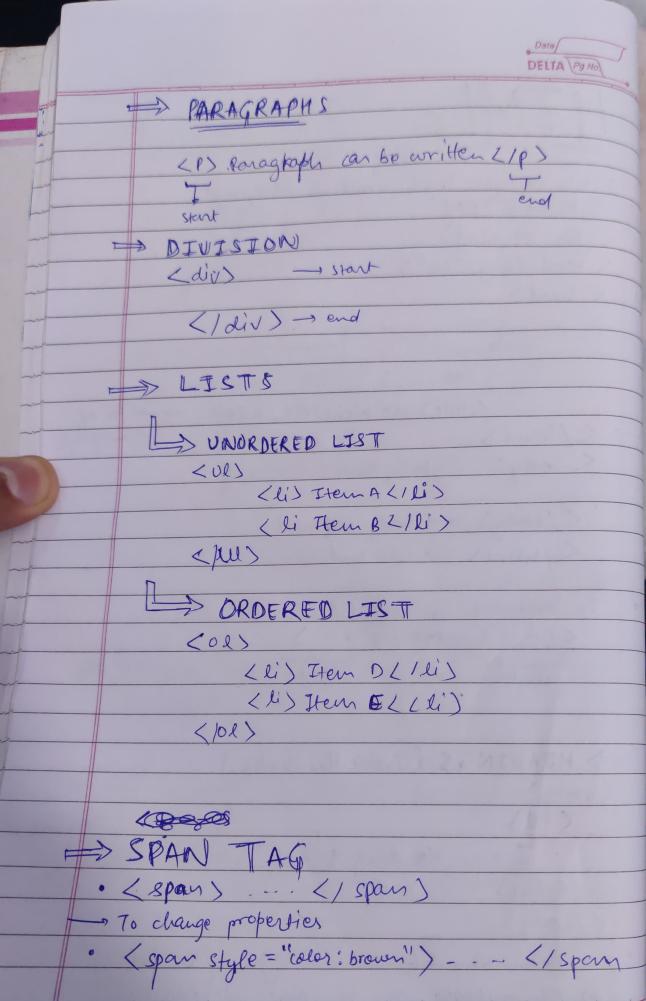
Str. to UpperCase Str. to Lower Case -> Concatenation (concat Method) let first string = 'Hello! let second string = 'Rabul'
consol. log (first string. concat("", second string) Constat method Trim method - used to remove white spaces (entra) str. fext. trim()

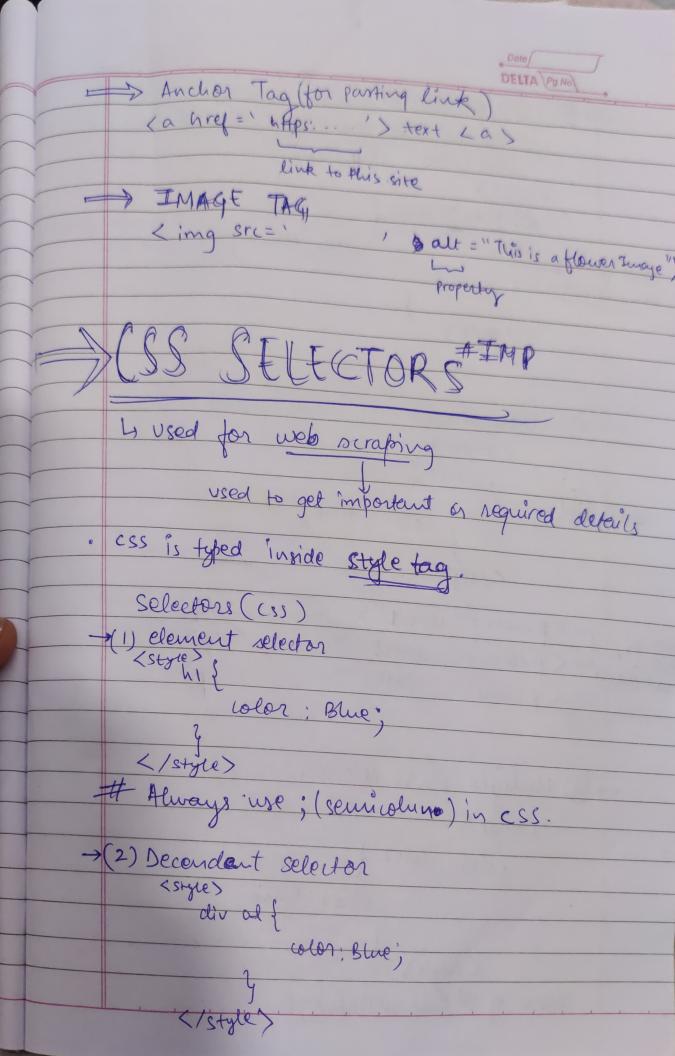
OBJECTS let object = { let person = of regralue

name = 'kahul', ph No. = 12395 ph No. = 12395 priends = ['vivek', 'Manav'] you can store array in object. 20 We can also store functions & objects inside an object. # for in loop (objects ke lige) for (let key in person)
console log ("key:", key, "value" person [key])

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SKELETON language < I DOCTYPE html) < html lang="en"> < head> < meta ... > } no changes
< meta ... > <title> MY Website </title> vebpage Heard </heads < body > -> body start </body> -> body & end To commet in HTML 21-- Comment -->
start end +> HEADINGS (Inside the body) (body) (h1) I am Meading 1 </41> < 150dy > 41,42.43... 46 - Can go up to h6 as no increases, size of fout decreases





3 Children selector only the next ten can be selected in line ((au't skip tag) < Style > div > hi > span } color: Blue; used for a this selector </style> +(4) class selector < style > Dot is used . . class i of 3 color: Blue; C/style) ro - - these 2 * 0 - -
0 - will change -> (5) Multiple class relector (style) · class1. class 2 } color: Blue; </style> colour of all three will change.

	Date
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-	(7) Class 6 and
-	Class with children combinator
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