CSS CSS Peroperties hi & color: blue; font-size: 12 pro; Selector property value CSS Backgyound background-colon: green or 9196(200,20,10,5) opacily Opacity: > means transparancy. full transparent. ii) background-image : wel ("paper, gij"), CSS Boudeaus out set bouder- style : dolled dashed nene hidden Solid double groove Judge

bouder-widten : 10px em thick medium then (iii) bonder-color : "gred #ff0000 orgb (255,0,0) (iv) for Endividual sides bluder-tep-style - dolled. boeider-right-Ostyle: solia. border- blettom- (style: déties! bonden left - sigle (: Solis. bonder radius : 5 pr (for nounded bouder) CSS BOXMadel Marigun Padding content

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example air & bonder: 15px colid green. Widen : 100/pc height ! loope the content Agreal. Wider: 320po; margin: 0

4) Marigin Li Padding 4 dutline - line drawn outside bonder. OSS- Text color: blue text-align; left Justify (ii) text-adecoration-line; overline underlinge Lext-deconation-color text - decreation - style; selid double Lext-shadow " 2pr 2pr 2pr and 5pro houisortal Veretical blur (i) font-veight; noumal

40pm 16 = 2,5 em 30 px | 6= 1.8 15em CSS-links There are 4 psudoclasses for lenks lenk -> visited > active -> a° link é CSS-position Desition: Static & According to neumal flow?

(2) position: Helacire & helactive to its noumal position: 3) position: fixed & always stays in the same place even if page is sendled. (4) position: absolute L'positioned l'élative to lue néasest position autestor) (5) position : sticky

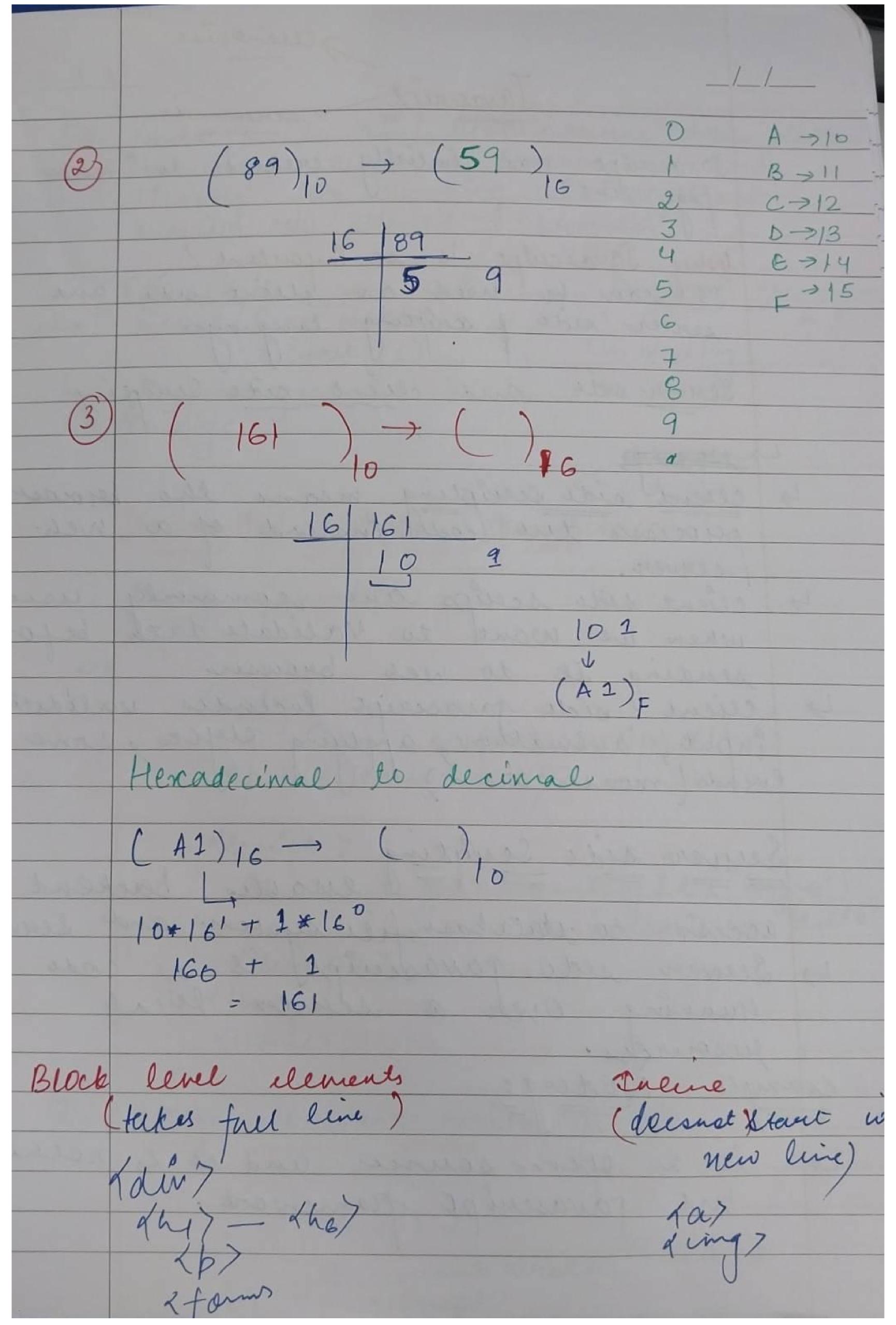
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files sendles and then fixed to one Navigation to memore classo active" list-sign-Eymi · Home · News · centact Horizontal Navigation Bar in luline property rest element will come display: block coldrifwhite;
padding i lop re

example invsc Active · active CSS- derepdowns Herer over me Det text will be displayed (htme) Khead? 205 tyles · Lucadoros · duppdown - content backgerorena-color: #f9f9f9 desopdowns nover desopdown-content display; block

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Mbody > (127 Hovenable supplemen 4/h2> 1/2> Move the mouse over me <1/27 L'alir class= "duppdown" app Mouse Overme « p? Mdir class= "deropdown-content"> ap) # Hello would x/ding x1body) K/ htme?) backgrown & color : agree 1 poerme Heradecimal



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Why Tavarcuipe is so Proportant Is can be used as Ideent side seaver side & scuipting languages and client side Scripping Slerven- side Client side Sceliffling means the begowse client sede scelips and commonly used when we want to Validate deren befor sending it to web browser. Enput, animation, applying styles, some events (monse click-) Seever side Sculpting enables backend access to database file system and Seevers Is Seever sede javasceripte is a code Gunning Over a seewer local Jusourges. example Moders Le is a open-source and it is nothing but pavasceipt framework.

Nade Ts is an open source geness-platfon Tavaccifit kuntime environment and liberary for sunning web appelcations Ferent end Franciscak React (React Native 2 React Js) Javaseerigt display possibilities &Scuipt > documents wente ("Hello") &

Window. alert () Window. alert (5+6) & surgit > & 1 body? bling console log () Console log ("Hello") accessibility of A vacuable declared ontsedi becomes "Global". eg vara=10'

Local segre function S cape . In ESG, kuis concept is introduced Vacciables de clares Within a Javascrupt Vacilables declared inside & 4 function becomes l'o al to the function. cannos be accessed hocal vacciable are from outside created when a tuncian I the block. stares and deleted when function pads. let x=21 E Local vary able.

Var Care Name = "volvo" E s Variables defined with "let" connot be gederlared Naciables défined with let have Block scope

e -	g-Elu n=2
0	3 1
	1/ se cannot be used here.
2	let x = 10 //x is 10 here
	Elet re= 2' // re is d'here
3 - 3 - 1	// no is 10 here
(3)	E van rez
	let x=3 × Medeclaring is not allowed. in same block.
(4)	et nc 2 3
	det nc=2 Allowed.

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2	Vouster !
	, Variables donat have block sign. , you can reductare variables
	Van re= 2
	3
	1) res 2 can be used here
2	Van n=10; (3) Van n=10;
THE PARTY OF	S var $x = 2$, S Y
	Its allowed,
	/x is 2 here.
(3)	Const
4	Const variables cannot be reassigned
	Vacuables defined with const' have
e.g.	const PI = 3.14 PI = PI + 10', // cerror
day	

I must be assigned a value when they are declared. Fact a as

Lunctions Is function is a block of code designed to purpour a parlicular look. It's defined with function keyword paerantheste (). instead Lpg éd = "abc" > «1/27 Script >
function myfunction (P1, P2)

Result 1 function Will store in one ap id = abc"> (1) & suight > var re = myfunction (9,3) document get(). function my Lunction (a, b) deturn apb! 1 Scuipt) déférition des settem à function Thody)

The side = "abe" > A/P) a scenifit, function my function (a, b) & Jestnern d-6 document, get Element By Id & InnerHIML

function my Function (a gb) seeturn a-b function as an expression 1 bedy) decerpt) function (a, b) & Suetween document, get Element By Id ("abi"). inner HTME = nc(4)3)+ That Vacu'able can be used as function! * self invoking functions is invoked automatically, without being called. Is you have to add Paranthesis around the function to Phaicate that it is

a function expression. dp id = "asc" > <1p> innesHTML="Hello, I LI body 7
LI homes A fellow functions is helps you to write Short code 1 Seeignt) Const re = (re, y) > & Detween nxy 3" alcunent.

use can also duit detuen keyword and the curry brackets if fun Bej defauet it entuens Handon number ferom O (Enclusive) to 1 (exclusive) (Sceript) do cument element By Id ("abc"): inner HTML = Math. grandon ()' 1 (Script) Return a elandom number b/w D to let x = Math. Mandom () * 10 2009 Kandon Whele no. b/w 1 to lo Math. floor ((Math. Random () * It

Roccursion Taske) power (2,5)

2* power (2,4);

2* 2* power (2,3);

2* 2* 2* 2* power (2,2);

2* 2* 2* 2* power (2,1) 2 * 2 * 2 * 2 * 2 function power (number, exponent) if (exponent === 1) dutuur nunber # pouver (number exponend-1) console. leg (pouver (9,5))

	factorial program using arrevow function
	const factorial = (n) =>
10	2
	y(n = = 0 n = = 1)
	DE sieturn 1.
-	3
	else
1-0	S
	sutuen n # factorial (n-1);
	20
-3	2
-3	9
	console log (factorial (5))
13	
13	
-	
-	
	A Proposition of the second se
1-3	
ا	
1-3	
	THE RESIDENCE OF THE PARTY OF T

Tavascupt Amay An amay is a special Variable, which can held more than one value const cares = ["saab", "voero", "BMW"] second mechad => const care = now fecuary ("Saas" to crease an array with new keyword Accessing array first of index number of first element. Accessing element > Court a = ["1", "2", "3" "4"]

last away

let b = a [a. lengen - 1]' Looping Array Elements using for 1 Script 7 const " = ["tmit", "Aatoch", "Gaurar"]! let nen = name, lengen,

let dent = " (uti). for Cet i=0' i <'nlen', i++) besit of staty document. get Element By Id ("demo"). innerHPML = text! 1/sceripe > let text = ";

a = ["]", "2", "3", "4"] for Each (myfunction); fext + = "waster"; document. get Element by Id (

- «Scerifix» 4/scents > Join() - same as tostewing()
can specify a separation. document. _____ = funite. join (" *); & sceript > const a = ["1", "2", "3']

a. 120pc); console log(a) push() - 9 adds a new element to an consta=["1","2", "3",]
a. push("4"). and shifts all other element consta:
a.snige(), unshipec) - adds elements. const a = ["1", "2", "3", "u"] a. unshift (05"); Splice () - method can an average add new items to

const funits = ["Appei", "Mango", "kini"] femits. Specie (2,0, "Lemon", "Orange"] Shored be added. Ly How many elements should be nemoved. 2 Lemon , Grange (8) slice of sice out a piece of an array into new array. const femits - Te" Apper", "Mango", "lemon", cont fquiez = fquier slice (1);

console log (fruit 2); Mango lemon, Cherry funite. slice (1,2) endeing.

Listarding Souting an array method works well for spect ()

If result is the a 7 6th If result is o a = 5 1 Scerifix > function get Random Image () var gandom Image = new Average () Mandon Image [0] = "image Cents. [4]

Van number = Matu. floor (Matu. randome) (Script > Legan id = "nesnet" align = center" 7 (18par) LIbody)

Objects 1) Objects are Variables 200 contain many values values are written as name: value last Names " regz", Jeyecolor: "blue" Accessing Object peroperties. Object name, puoperty Name eg-person last Name; method () can also be add as full Name ; function ()

E section ()

this 'floot rans + "+

this 'hastela Here," this " keyword nefero to person offet Sometimes we need a "bluefreint" for creating many objects of the same type function purson (finst, last, age, eye) tuis last Name = lost; this age = age;
this eycolor & ey; Const myfather = new lenson ("pohn", " Doe's const my Mother = new Person "Sol" g"Rim",
48, "green", Adding property to object

myfather nationality = "funder"; cannot and new property to an constructor

leuson. nationality = " English" Étice nationality = "English"; Javasceigt Vopup Borce flert Box 3> trindows alert ("Hi & am a aler Configur Bones It will have two options either "o/c" Abutton onclick = "my function()" > Tay Lp id= "deno"> x1 p7

(Scerift) if (confrient "lues a Button") 2 toct= "you pressed O/e!", text = " you pressed cancel". document Beript? window. frompst ("sometent", "defauet tent