

## Wednesday 7 APRIL

Week 14 097-268

2) Explain Semantic tags

Semantic tags are the tage which give meaning

to the script, Ex: < header > < nav >, < footer >

Lu > < Pr -, these are understandable for both Browner

and developer.

2) Explain types of selectors and its order of

precedence Cspecificity)

> Simple felectors . Combinator Sevetors . Prendo

Simple felectors · Combinator Selectors ·
Clas selectors · Prendo - element selectors
Attribute selectors ·

3) Combinator selector.

Combinator selectors are the binary operators used in Combination selectors; Ex: Descendent combinators Child combinators, General Sibling combinators, Adjunt

4 if we are applying two classes for same div. with different style which CSS will apply Either class 1 or class 2

Just one to

S What is (SS and why we use it ...)

-> CSS is the language for discribing the presentation of web pages, including clour style, layout, etc.

## 8 Thursday APRIL



How CSS works.

2) 18S works by bulgging style to air web pages by interacting and interchanging impormation from HTML document.

7) Antro of audio and video (2) Vector graphics (3) Header and footer (3) figure (5) Nav tage (6) progresstage

2) Place holder attribute

8) What are merits and demerite of external CSS

Demerits Merita 1) styles can be controlled from outside () Additional donoload of CSS ) Multiple star is required;

Multiple HTML clements can have (2) To render the Jocument munerary document were class can be the outer template ought marke marke were class can be the outer template ought to be started in small to be started in small of the outer template ought to be started in small of the outer template ought to be started in small of the outer template ought to be started in the outer template ought to be seen the outer template ought of the outer template outer outer template outer ou

HTML I Pramer is used to display a nested webpage (a webpage within a web page).

« iframe src : " nttp: 11... " title = " Website" >

M T W T F S S 24 25 26 27 28 29 30 M T W T F S S 17 18 19 20 21 22 23 M T W T F S S 10 11 12 13 14 15 16



# Friday 9

10) Explain ess box model. The ess box model is essentially a box that binds or wraps around every HTML Element. It consists of margins borders, palding und utual content.

1) What is Doctype ? Explain.

Doctype is an declaration of an instruction to the wib browser about the type of HTML or version that we are using

12) Explain flexbox property.

- > flexbox property us a property of layout structure to be responsive to the screen size.
- 13) What are the different display properties available in HTML

  > Inline, block, inline block, flex, inline flex
  grid, none:
- He) What are all the position proposities

  static i normal flow of document, absolute: relative to
  us percents clements, fixed 2 relative to him clement

untial: This resets the property to its defult unliest: lakes property of purent.

MTWTFSS

### **LU** Saturday APRIL



15) What class vame will give if want to display a division in centre horizon or vertically in bootstrap. 2 > justify -content-centere

- aligan - items - en centre.

16) Explain hoisting Hoisting is a default behaviour of Javascript to move the declaration to the top.

(all method: it calls the method, taking owener object Apply method: it is used to will methods, which can be used on different objects, because it takes argument 18) What are premetine and mon perinstine as un array. in Js. Drimitive data types are pre defined data Lypes in J.S. es: Num, Boolean, Null, undefined., Symbol Non primitive data types are user defined to say created by the programmer and is not defined by Java. 24 25 26 27 28 29 30 17 18 19 20 21 22 23 8 9 10 11 12 13 14 15 16



### Sunday 1 1 APRIL

- Dava script methods which are actions that can be performed on doject.
  - A Javascript Method is aproperty containing function defination
- 21) Explain Set timeout () The Set time out () method calls a function after a Syntais 1 set Time out (function, milsecond, param?, para)
- 22) What is Callback function. A callback function is passed as an argument for other another function, we can say it as a function which takes arguments from other function.
- 23 Difference between declaration and defination. > Declaration of a variable is for informing to the computer or compiler about, variable, or value or unitial value. defination of variable says where to store variable memory
- 24) Difference bit between arrow function and
  - normal function:

    The arrow function: we ocan skip the return key word and write a function in a single line.

    In regular function i you always have to return.

M T W T F S S M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 MTWTFSS M T W T F S S MTWTFSS 12 13 14 15 16 17 18 26 27 28 29 30 - -19 20 21 22 23 24 25

102-263 Week 15

What is the output of 5+4+'4'-9-4-2.

(db) Con you display 1 million of data a time in the browses? Explain.

27) What is destructuring in Js give an example.

Destructuring in JS in re-creating as

new Array from a arrays that we

see) Why already home.

- type operator is used to get the type of data dual is their in any Amray.

29 Explain Spread operator, rest parametes. > The Spread operator allows us to spread the values of function or element in an array. The rest parameter allows us to pay an indefinit mumber of parameter to a function and access them.

EM T-W T F S S M T W T F S S M T W T F S S M T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T F S S A T W T W T F S S A T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T W T F S S A T W T W T T



Reminders

# $_{\text{Tuesday}} 13 \\_{\text{APRIL}}$

,	Week 15 103-262	APRIL	
80)	Difference	between mill	, undefined and
7	Null can be undefined n	said as variable	that has been assigned any value
			less in Js.  navacter that is  tes into string character
32) ->	Type of N	t munber 2 mill.	, array, objects
3 <b>3</b> )	objects >	· [ "ub", "bc", "CA"]	neme: Ab, last Wenne 2" Doe, .: 50;};

33) Out put of Null = = 2 undefined // true Null = = 2 undefined // false

APKIL 104-261 Week 15 37) Overending equals The equals: when the child or the subcolar has the same value execution of method as declared in parent class it campares two stering if date is some as other true else false 38) Difference between = 2 Evaluates only data === Evaluates data and values 39) Explain tennary operators with example.

For ternary operator or Conditional operation us J.S operators which takes three operands: a condition sollowed by ? then an expression if its true followed by: and a expression to execute if the condition is falsy Syntax: condition? expression if true: expr If Fulse Ex: console log (get fee (true)); 40) Write à function to merge 2 arrays and remains duplicates without using inbutt-M T W T F S S 24 25 26 27 28 29 30 17 18 19 20 21 22 23 M T W T F S S MTWTFSS 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 2

Thursday 1

Week 15 105-260

409) baller

48% What is clousure.?

Clouser is a function which has access to all the variables outside the function block. or say

A function having access to parent scope even after the

parent function has closed.

494 Write a code for closure with example.

const add = (function ()

let country 2 0;

return function () { counter + 2 1; return counter 4 f)();

udd ()

add():

50} What is armstrong number? write the function.

Ket our When the number is equal to the sum of the cubes of its own digit it is said as Armstrony number :- Let sum =0

coust number = prompt (Facter number:);

Let lup = member;

while (temp >0) {

Les reminder = temp 1.10;

sum = remainder & remainder & remainder

y temp 2 parce but (temp (10);

if sum 22 member s

console log ( \$ Enumber & is a armstrong mund S M T W T F S S M T W T F S S M T W T F S S M T W T F S S 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

#### Friday APRIL



106-259 Week 15

of we can say an template to create object.

52) Destructureing of objects.

7 Destructuring of object is a method of Extracting values and keys from us one or more objects and creating a new object.

63) Inheretence .

3) Inheretence is a property of Javascript of gainging property from its parent Elements.

54) About Spread Operators can it be used with objects.

Spread Operator is a operator that Quickly copies the all or part of an array or object into another array or object.

Super keyword is used to call the constructor for parent element to accels the parents properties

If parent element to accels the parents properties

If it is sufficiently s. s. M. T. W. T. F. S. S. M. T. W. T. W. T. F. S. S. M. T. W. T. W. T. F. S. S. M. T. W. T. W. T. F. S. S. M. T. W. T. F. S. S. M



## Saturday - / APRIL

56) Explain Static method in Js.

- Static class methods are defined as a class ilself.

Ex: Edic hello U E.

4) Write a function to merge 2 arrays and removing duplicates without uping inbutt function.

var array 2 = [1, 2, 3];
var array 2 = [2, 30, 1];

function merge\_awray (array 1, array 2) {

var result = array = [];

var arr = arr. length;

var ausoc = {};

while teng (len --) {
var item = arr [Lun];

Reminders if C 1 assoc [item]

result\_array unshift (item); assoc (item);

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# T & Sunday APRIL



108-257 Week 15	
return result array south of the	· tra
var array 1 = [1, 2, 3];	
var array 2 = [2, 30, 1];	
console · log (merge-array (array 1, array 2));	e.
Write a function on sorting the number in ascending order	-
const number = [20,100,40,15,10];	24-
points. sort (function (a, b) { return a-b});	_
Drite a function to remove duplicates	-
> var arr = ["BMW", "Andi", "HONDA", "Andi, "HONDA	A,
function remove Duplicates (arr) {	
return [ new Set (arr)];	
console. Log Cremove Duplicates Carr));	
S M T W T F S S M T W T F S S M T W T F S 24 25 26 27 28 2	s s 19 30



## Monday 19 APRIL

Week 16 109-256

4) Re	verse a string without using built in function					
	function reverse 1 (str) {					
	let r? " ";  for (let i= str.length -1; i>=0; i) {					
	r += xtr[i];					
	return r;					
	console. log (reverse ("javascript"))					
47)	function for palindrome.  function check Palindrome (etring) {					
f	coust long 2 string. length; or (let i 20; i < len /2; i++) {					
Reminders	if (string [i] != = string [ten -1 -i]) {					
	return "its not a palindrome";					
	return 'its palindrome';					
APR	W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S					

### ∠ U Tuesday APRIL



110-255 Week 16 string prompt ('Enter astring: check Palindrome (string) coust value (value). console-log Reminders M T W T F S S

SS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

M T W T F S S

M T W T F S S

17 18 19 20 21 22 23

24 25 26 27 28 29 30