Assignment

- Semantic tag This are the tags which describe the meaning to the browner & the developed Eg:- form, table, figure.
 - Selectors -> Selectors rellet the Element which you want to Eg: class, id, univerasal [.,#,#] respectively Order -> universal > id > class > elements
 - 3 C55 Combinators -> The use of combinators in to combin the selector & give substion.
 - @ Descendant -> give normal space to combin two selectors.
 - 3 child -> (x) style to child Element of specified Element
 - 3) Adjalent -> (+) used for immediate sibling.
 - (4) General ribling ->(~) to all orblings style is added.

adding Nested web - webpage Embedded into another page in HIML webpage -> ean add by using @ frame & Embed

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CSS box model -> model obegines the design & layout of Elements of CSS

Like -> margin, padding, border, content.

(around), (inside), (content) (input).

Doctype -> Doctype in declaration which instruct the web browner about the trank page.

There are 3 Kinds of Doctypes

Ostrict, Transitional, trament.

Strict -> does nt allows much attributes & fromus.

Transfitional -> allows were to use certine

Elements & attributes.

frame set -> can use frames replaced framest
by blody Element.

CSSE Uses -> careading style sheets (External style sheet)

-> uses -> used as External style sheet to provide

a disciplined code

-> gives pront End more user Experience.

CSS works -> works as cascading to a HTML Page
where the style shed is link Externally
through (Link tag). add provide
Certain style to Element through selectors.

New features in - intro of audio/video tages

— Embeds video & audio

— Embeds video & audio

— Header & footer -> New layouts

— pttributes like -> placeholder, Email,

— progress tag.

Likes & dis likes _ adkanneritt () Bandwidth, Site wide consistence of CBB (Content sep prom presentation).

Demerits O Limited security

O Entra work pr developers.

Position property -> static, relative, absolute, fixed, streky

Static -> default position

*elative -> same as static but can change the

position (L, B, C, B).

absolute -> same as relative but takes

parent Element position.

fixed -> content get fixed at a defined posit

Sticky -> similar to fixed but when

page in secrebled it get sticked

defined position

The state of the s

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Anignment Js

Hoisting.

default behavior of moving declarations to the top.

defining the I declaring all variables at the beginning of every scope.

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Call & Apply nethod

call -> used to invoke function by an object as organism.

apply -> it is semilar to each but the arrangements are

taken on an array.

Object methods -> methods are noted as a obj properties

Accerning obj methods

Syntax -> obj name. method ()

Let student - { Norme: Harsha!; Age: 24;

Set Timeout () — acts as a buffer zone for a function to alimplay | act on a laterry

Call back funct - junction which used as an augumus to another junct.

Display purposedy -> mainly -> inline, block, flex, gold inline; block.

The state of the s

The state of the s

(inline -> default & no change in h & w @ block -> takes whole width of content.

3 inline - block -> used to give intété de ments.

Destructuring -> unpacking of strays & objects & amign

Type of Type of gives use out what kind of Doda types does a convariable has.

Spread Y/s sust -> Spread -> it Expands an iterable such as an away (& [... variable])

-> rest op -> rest op. compresses the iterable E can be put

1. It is smpty -> Null -> abscence of value null v/s undefined v/s empty it is primitive value

undefined -> Value does'nt Exist

Empty -> when an value is Entracted

prom averay of it shows compty.

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Declaration v/s defination

Declaration

Declaration

Declaration

Declaration

it is actually variable

Defination

it is value of an

variable if there is

no defination for variable

it shows undefined.

Arrow funct v/s. Normal funct

- Walter to Porting the

-> [Arrow]

4) ES6 Newsoon
4) Short nyndx for junction
4) no new of junct Name.

Normal funct

4 junet should have name 4 must give junet Kyword. 4 & have or proper junet syntx.

```
function to surverse a string (with & without using built in
Built in
             revstring (str) {
    function
             Let split string - strosplit ("");
             Let lever 8 tring = secresses split string. leverse (');
             Let join string = sever string . join (")
                return join string;
               rever string (" Hello"),
       junction veu (str) {
               Let T = " "
              for (Let i = Str. length -1, 1>0, 1=-){
                 return 5;
                   Console.log (neverse ("Javas"))
```

function to sost no. in ascending order → Let numbers = [50,90,0,2,20,10] -> number. Fort (junction (a, b) {a-b3}); 5) Console.log (number); tunction to duplicate in an array (set) 4 const fone = [4, 1, 2, 1, 3, 1]; Let result = (forie) => (Free Met fore) return [... new Set (fone)]; Console. log (result (foner));

Closures -> combination of punct bundled together regione to it surrounding state closures gives you access to an outer funct Scope from an inner junc't.

Classes -> classes du not an object but it in template for Js objects. & use constructor method.

Enheritance -> Enables you to define a class that takes all junct. from a parent class & allows you to add more.

uno of spread operators in object

-> clone an object

-> merging object

Super -> in a Kywood wed to call the Contractor of its
parent class to access the parents properties & methods

Static -> Static method for a class only not Object.

```
14s claure
   Let ans = "global";
       Cont outer = () => {
           Let outer lar = "outer";
             console. Log (ans, outer (as);
       out ca();
Hømstrong nlumber
153 = n'' = 1X1X1 + 5X5X5 + 3X3X3
 Let sum = 0;
  const rumber = prompt ()
    Let temp = number;
      While (temp>0) {
            Let remainder = temp 1/010;
             Sum t = reminder & reminder x reminder
      temp = parrecent (temp/10);
of (sum = number) {
           console.log (*$ [rumberg is a A ];
        console. Log ('${nimber} in not a x.');
```

Escape characters -> helps in interpreted in some alternate way then what we intended too

Eq: 1b -> backspace \n -> new line

Type of

Null --> object

undefined --> object

object --> object

output of (comparismon)

null = = undefined -> false.

null = = undefined -> false.

Ternouy of

Ternouy of

Evalutes a condition à Executes a block of code

based on condition.

[candition? enp1: enp2]

How do you loop skrough on objects

-> for in loop

- object . Ly method

-> object. Values method

-> object. Enkies method.

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          Let lever 8 tring = serversersplit string. leverse (');
          Let join string = sewer sking . join (")
             return join sking;
            rever skring (" Hello"),
    junction rev (str) {
           for (Let i = Str. length -1, 1>0, 1=-){
              と Y+=Stx[i]
                 return ";
                Console.log (neverse ("Javas"))
```

```
Palinolrom
 tunction pal (word) {
        const palaplit = word.split (");
         cont revword = palaplit. revence (1);
         cont join word = our word . join (");
          1) (string word = = joinword) {
                        consol. Log ('It is a palindromi'),
            Else { console. log ( Its is not a palindrom);
           const string = prompt ('Enter a string: ")
                Chek palisdram pal (word);
                 De et anne - Distingue de ser
  Closure
 function word() {
             Let name = John ;-
            function display () {
                     return "Hi"+ " + name;
            seturn display;
 Comt g1 = 8 word ();
                    , colog (g.v);
    C. (0);
```

```
function to sort no. in ascending order

Let numbers = [50,90,0,20,10]

Donsole. Sort (junction (a,b) (a-b3);
```

function to duplicate in an away (set)

4 const

fone = [4, 1, 2, 1, 3, 1];

Let result = (fone) => (fone) => (fone)];
return [... new Set(fone)];

Grøole. log (result (fone));

Hith out using inbuilt function. Var array 1. = [1,2,3] Var array 2 = [2,3,0,1] funct link (away!, away2) { Var result = array = []; 3 Var arro = arr. length. Var assoc = 23; while (length) { var item = are[Leng]; if (Cassoc (itema) 2. result away unshif (item); anoc [:term] = true;