- 1. Eched ede semont?c tegs.
- By. Semantic tops are those which describe the posticular meaning to the beause and the developes.

ext- = f8ms, 2+obles, 25+0,00g; < ems, +P>,

- 3. Explain type of selecters and specificity
- Ag CSS Select&8 is the post of CSS subset first actually selects the context you want to style.
 - 1- universal selector: selector works (esce a weld cord moderate) selecting all elements on a page. [*]
 - 2- Element Beleeto: Scientes mostres one or mode HTML elements
 - 3. ID selects: This selects matches any Him element that we also surger of no san that the scledt [#]
 - 4. clas scients: selects allo matches all the elements on the page that have their was satisfacte set to the same value as the class. [.]
 - 5. Descendant sombions : The descendant selected of motion occupated, the felceneant compense tets for compense. two & more Selectes 80 you can be more persone in your reston nother.
 - 6. Child combenably: A selecter that used the child consinols is similar to a school that upon a descendant combinate, expect of only todat innedios Wild element.

- 1. Eched edg semantic togs.
- A. Semantic tops are those which describe the particular meaning to the blocker and the developer. ext- = forms, ztables, zstables, zeros, zps,
- 3. Explain type of selecters and specifically Ag CSS Select 88 is the post of CSS sureless that actually
 - selects the context you want to style. 1- universal selector: selector works (ecce a welst cord evaluation selecting all exements on a page. [*]
 - 3- Element Beleaton: Scientes mostres one or mode HTML elements. of same name.
 - matches any file clement 3. ID selects: This selects that has an ID attachase when some value as that of the scledt [#]
 - 4. clas scheets: selects allo matches all the elements on the page that have their was obtained set to the same value of the class. [.]
 - 5. Descendant Sombiross: The descendant selected of motion occupiately, the felcendant component lets for compone. two 8 mbc Selectes 80 you can be mose perstic in Good Belection nothad.
 - 6. chard compensably. A selector that used the child consinols is similar a schools that use a descendant combinate, expect only todat innedios. child element.

Enemark septing combinates: - A selected that was a general stibling combinated to match element based or 806 ling selected clements are based coch ather in the HTHL [~]

Adjacent 8:6/19 (our birold: - A kelectol that used a adjacent 8:6/19 (our birold: - A kelectol that used a adjacent 8:6/19 (t) and 8 adjacent the some as general sibling & electol. The almost the some or general element must be an difference is that the talgeted element must be an immodiate 8:8/19, hot just a general Sibling.

Attribute selector: - Selecto torgets elements bosed on the presence and of name of the otherwise and of declared using square whorkals

Specificity: A process of determing which (SS Jule will be applied to an element. It actually determined which but applied to an element. It actually wind then ID then Jule take precedence. Inline Style usually wind then ID then the class value (Pseudo class (attailable selected), the universal selected the class value (Pseudo class (attailable selected have a higher (+) has no specificity. It selected.

4. It we one opplying two cloud for some dis with different Style which cas well opply either cloud of class.

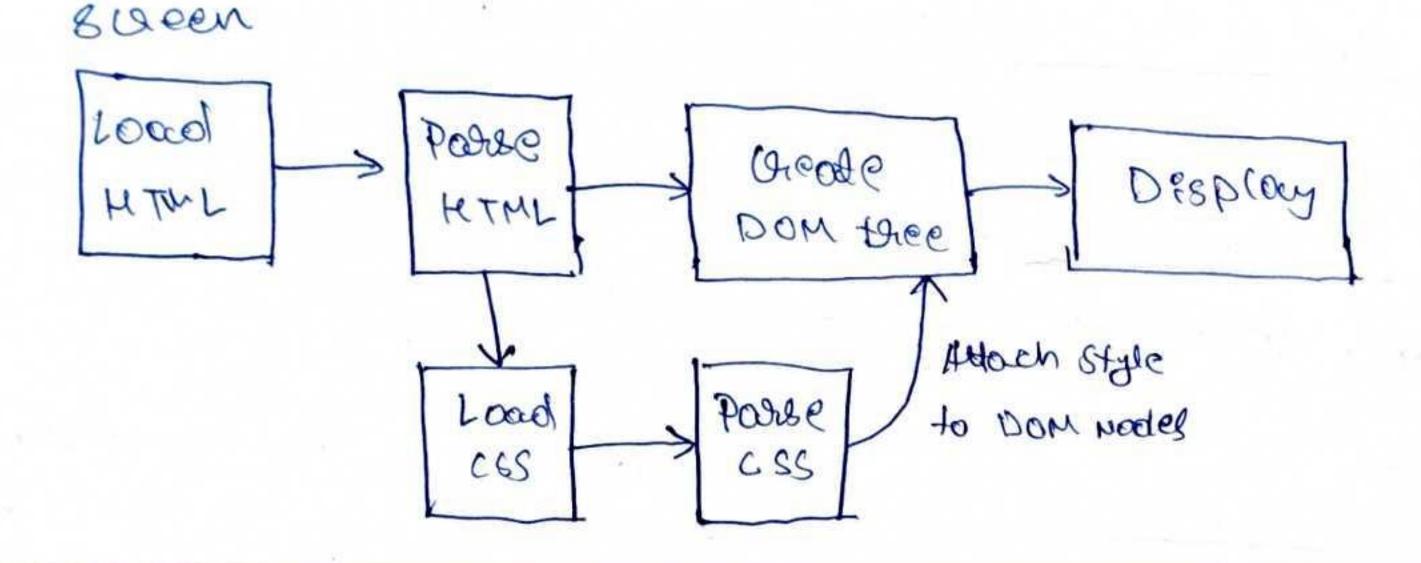
At close 1 will opply to the clement.

- 5. what is ciss; why we we it?
- As coscading style sheets (css) is a style sheet language used for describing the presentation of downers worther in a markup language such as tellur
 - · Better websete speed: Css make websete foster and smooth websete experience
 - · togges to mosnow: css is cary to maintain because a single 1800 code champes affect the cutibie web
 - · consistent des éan: CSS enables developer to ensue tro style elements one applied consistently actions soud as porges.
 - saves a lot of time and effort · Time-Sourng: ~-CSS in the web development.

6. How does css work?

- 1. The browser loads the HTML
- 8. It converts the HTML Puto a DOM (Downert object moder)
- 3. Browson the fetches most of the Diesources that one lenced to by the HIML downest, such as embeded emager e vide es and renced css.
- 4. Brown posses the fetured CSS, 5 solos the different Sweet by these severts types into different buileds Cr clement, und, ID and 80 on. Boxed on the selects it of los ilgas of bloods below the esten 40, lbnis when nodes in the DOM and afterdres 8 felle to then

- 5. The siender tree ?5 lasted out en the structure st 8hould appear en after the sules have been apreed to et
- 6. The visual desplay of the page is shown on the



7. what one new features in terms?

osloso de avaleo aro osobre el

- o. Email attainme
- 3. Placeholde attachme
- 4. proper top
- 5. Now top
- 6. Fique tag
- B. Header and Footes
- 8. what one month and demonstr of carefund cas
 - 1. The style of a few downess com be constabled from the sex by willering them
 - 3. multiple letter combe made
 - 3. To observe styld in complex circumstance. Selectol and glouping stratagies are whilized

Demonits:

- 1. The additional downland is expected to impost downers howing style entermation.
- 2. To orender the downess, the outer templose ought to
- be stacked 3. Not paactice for small style defurtions.
- 9. How can you broade a nested ask page in How.

 As. HTML : Brane is used to display a nested a coelopage

 (a rabpage within a page). The HTML = ilsame > togg

 defind an inline brame, hence et is also called as our

 inline brame.
- 10. Exploser CSS box model
- As. A sectoragle box is used to determent the height and

context: Adval context of the box whose the text of

Padding: Aca sussanding the Contest (Space blue bolder goods)

Borgos: Area snoongrad the bogging.

Mosper: Acco sussounding the border.

11. word is Doctabe ; Explosin

who has a stand of the server shows through som the second son in the second son the second second son through so the second second son through so the second second second second son to the second s

Types

Starte: Thes DPD condains are HTML elements and attainment but does not enclude previouslabeaual element (repertant)
Franceses are not allowed.

Thankittonal: This DTD contains out titul elements and contains out that elements (rice font)
Framesets are not allowed.

Esternes et: This DTD is equal to HTML 4.01 Teausiteoral but allows the use of frameset content.

12. Explain & cexpox peoplety.

As Flexbox is a one dimension layout used to augno stems nowizoutaly or hesponsive Condition.

Boskedord

the container should stock thems to effect to they

Colunn

Derouse work

colours - Jevella

flex-uslap: This proporty specified of flex stones should be uslapped 8 not.

JOBEN

goes wood

1200 usie - grovers

Plex-flow: This property is used for southern both flex-flow: The statement flex-dissection and flex-costop properties in one statement trustify content certain

flex-stably stand one aligned of the stabl of contained presonents: there are aligned of the end of contained align-itens: That is used for aligning flex itens align-rowlers: Used to aligning flex itens

13. What one me diff desprey properties and brock clement as subsect and brock clement as subsect clement

block: 1- wing this we can display any inline clement

Enlene-blocks. This proposedy is similar to enlene, excepty
by using this or explay a enlene-block we comformed
the element wing herquet of with valuel.

fleet. It displays the contained and clement as a fleable
stander.

Fuline-frex: displays the frew condained as on Entere clame whire the content follows the frewhor people whose passed contained the term element as a speed contained

nover- hedge the time element

16. on of one on the position peopology

As Statics. Defaut value. Hele the element is positioned accords.

absolute: How the clerch is positioned sclothere to the poscubil clerch. The first position is determined by the values of left, signal, bottom, top

fixed: This is similar to absolute expect note the element.

selective! - Messe she element of positioned according to the

ENOUST: Hose the crement enhances of touce the property of sole palent.

- 15 wheel closs name will you give if would to display a division on central hostistically or bootstoop or division of the display central to place items-centre to place vertically central central differ gustiffy- conded-cettre: to place their wouldn't central
- 16 Explain Hosstang
- Is Hoisting is a default behaviour of Is whose all the reasonice and fection declarious one moved on top

17. Explosin cour and apply

invokes a fresson by speritying the orner object of apply. It is semilar to call. The only difference

opply method tolded argument as an alday

18. Cutat one types of dostalypes of TS

As 1. Poemetere dosta type: immudable and poes by value

Number: It expersents o number decimals
Tractor: Number of decimals

Stadings: collection of chalocters it may be the off

Boolean: Booleon con have only two values
Toure & False

- Mon-bignessing or non-distance and bois ph oretorene materials. It substitutes or non-distance and bois ph oretorene materials.
 - Asiay! which can hold more than one value, their
 - object! It holds the key-value pooces and proposited
 - faction! reasoble set of code & stadement used to perform cooler tosks.
- 19. what ose object mothods?
 - and leak et to the prototype of our exectify object.
 - 3. object. teys(): or easters on object contains the legs of
 - 3. 05 ject values (): Occase an assing contains the colored object
 - 4. Object. cutaices (): Occodes a nested adday of the replaction
- 5. object. 018: pm (): is used to copy values know one object
 to emothe
- 6. Object. forese(): promose modefecosson of proposes and values of our object, and prevers proposes being added & senoued from object

20. Explain set remoont and set Intowal I settemeouts. method is used to could fuction of evaluate on expellem ofto a specifical vio of ms Settentenale. method used to could a function of evaluate on exparan at specified enterral

21. Cohat vs campade ferreteon

An The functions that one used as our conquirent to another fection one called Callbook fection

22. Difference blu declaration and defuitions Ay Declaration! gives details about the Proporties of a 9rd on 200

Défénetion: of a volvable some surce tre volvable get stared

VOOR x = 3 declabation defention

23. Différence You assocs fouten of word fuction alow firetron Ang

- · Squitax 89 most
- . No faction name
- · dont use postanthers to a sende continent

rostrut bounder · Syntax is lagge

. fuetern repussed is not used fuerion key word is used Rough es not bours

> · use parametresies to wagge aguments

34. Colod 8 floc ocal part of 5+4+4+4-4-4-4As 79 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9 9+4=9

25. Who is destouding in Is give on example

As Destouding adequating in Is give on example

As Destouding adequated by the a Is expension

that makes it passible to cuppark values soon along

B paraportes from objects into destand valued accorded

Etc. let a, b, hest;

[a, b] = [10, 20]

(0.20/e. 10g(b) //10

(0.20/e. 10g(b) //10

(0.20/e. 10g(b) //10

(0.20/e. 10g(b) //20

(a, b, ... 20+7 = [10, 20, 30, 40, 50)

(0.30/e. (0g(2004); // 30, 40,00)

de coher 22 type of posendo by used to fend the type of a AB. Is type of operated by used to type of valueble It setward the type of valueble

27. Explain 8 pa ead and siert aperator.

B Post posomolos: by using sost posometos we can occasio fuctions that can take ucosome he of aguments.

my norman of confirments were commented Enjoyan

Sphood openedor: is used to sphead on alway and object letchall. we also we Specied operately where are or more agaments are expected in a furtion coul 28. Différence blu nul, underlined and empty

hom & mad to Explically defens nothing Cx1. vos name = nell;

anderforced hopens when we don't exten only values to of volvable

vol name;

empty! is an explicit was to décene an empty greets.

vous =

29 Type of new = object

undefined = undefenced

array = object

= object object

30 output of nou = = curdefériel is tome become bofin dolatype one weed as a separated for of no value output of null = = = undeferred is folge because both ose of same value but dodatyper als défferent.

31. Brodiglind conapt 5- tris method is med in on clas to check another two objects have some take

```
3 Difference blu == and ===

Ay == 8+ compared only valued between two valued blu

=== 8+ compared both datalyse and valued blu

two valends

33. Explain tomaly operated with example

As tomaly operated is also called conditional operate

15 the only Is operated that taken these operated

15 the only operated the total taken these operated

collect acts as a shortest for eff challments.
```

let mades = 45

let accent = (mades >= 40) ? 'pous': fail';

console. Log (gaut) // pous

34. Moite a fontion for polindroup

fuction Palénderne (steine) & coust len = Steing. longtin

for (let :=0; 12 len18; 1+1){

14 (Stocks [:]! = Stocks [sen-1-i]) {

20 stocks 'It is not a possible one'

}

3 return It is a palendome

(out 840erg: "madam"

coust Jalue = paiendeonne (steing)

coust olog (value);

```
35. what is closure?

As alguments of the parental function.

36. white pageon to closure?

function great(){
```

function great () {

(ct name = "Denu"

furction desplay () {

Deturn name

Beturn display()

3

let a= greet ()

The condition of number 2 coasts the faction.

A Armothery: - An consisting number of these disperse for an entered such that the sum of the cub of the superior of the cub of the number of the num

16 (Sum = = Nony) & (i reden bronets is some number) 3 che 2 Coulde 100 (tres is not almosta ong number ").

38. What one closes.

As closed is a temptable that is used to areado objects in Jayascurpt · costandes fuelson & used to puttalize the Poroperties of object

30. Del tourt enq of objects Unpoek volue from ashays or peoperties from object puls distant valuable.

40. Inholitance: - enables us to define a closs that tota all the full pourly from parent clars 9 allows as to odd more

41. Spacord operator con & be used with objects object spaced operate con be used to clone on abject or mage objects into one. The donery is alway A Shallow.

48, word is Super in 73

e It is used jusque a child closs denoted its Polental close

- rokusked to enetilize the outsitens of poseural object
- cocstants fuetion of paserbal Call · used to tooked

3:

for (let key in person) {

(outolcoloy ('I speop' ; I smeotrent)');
}

etput?

name: Rempesshands

age : 22.

DOB = 14/05/8000

Cmael = semphashavinkmægmæil.com

A CONTRACT OF THE PARTY OF THE

```
et each virge ose
AS
      let courts = [3;
      det 000,000 = [1,10, 8, 3, 4, 4]
       agray. Asteach (CSO => {couts[x] = (couts[x] 110) +1; 3);
      (struct) 401.21030)
 ub. woute a foetpon to snewers a story
restruct usque but for furteen
     let stoing = "Joursonept is best conquers e";
     J (oracteon rostous)
                    det hewstering: ";
                   for ( i = menos socios -1; i # > = 0; i - - {
                         heustone + stowns [i]
                     heteens newstern
        let result: housessons (stosmy);
          console alog (see alt)
    => meens projet en tooteon
            « serveron) tod 2° tope xourst " = privets
        fucteon sustains (Stowns) ?
           to alway = stocky. Split (" ");
            rendre: 80000 ag. Reverse ();
            Joen = Severge - join ("");
          nisob mestes R
```

40. Freeten to calculate the Enequency of occurrence

1ch Irebult = lesstains (stains) cousole, log (lessult)

47. cosite a furtion on homosomy duplicated

M function wave (099) {

109 unaque all = [7;

18 (cot 1 of all) {

18 (usque all inde of (i) = = = -i) {

18 (usque all push (i);

3

101 coso 1 og (usque all);

3

101 usque = [1, 2, 3, 2, 3]

101 usque = [1, 2, 3, 2, 3]

weens (000);

WE water on Edding the re in excending older

As wer pasce = [1000,50,8,7,14]

Pasce.584(0,2) => 0-6);

Pasce.584(0,2) => 6-6);

(oose9) 801. 910 an o)

LA. M

```
49. mage 2 about 5 servoir dup1: codd coffroid with
    Enbalt facteon
     fautron megge (0221,0228) {
        (efeco) teauss. 1 Pla - Pla to
        (et meque all : []
        3 (600 70 ; 201) 227
            36 (consome as index of (i) = == -1) &
              ici) neva. ees angin
        cocole : log (méque als);
  (08+ 020 of 1 = [1.8,3].
   covet assay 2 = [2,3,5]
   Meder (assay) sprons);
```