- 1. Sohot obe semantic togs.
- H. Semantic tops are those which describe the posticular meaning to the browser and the developer.

exi- < f8ms, 2+ables, 25+0,00gs, < ems, <p>, ,

- 3. Explain type of selecters and specificity
- Ag CSS Select 88 is the post of CSS sureles that actually selects the context you want to style.
 - 1-miversal selector: selector works (Elle a wild cond instants) selecting all elements on a pose. [*]
 - 3-Element sevents: Scients mouther one of mote HTML elements
 - 3. ID selects: This selects motioned any Hime element ween some value as that of studietto at mo an tout the scledt [#]
 - 4. clas scientifi- selection also matches all the elements on the page that have their class outsibute set to the same value of the class. [.]
 - 5.00scendat sombisons: The descendant selected & motion surjoines not sterious troussess out, responsible two & noc Selectes 80 you can be more pecific in Hood Belection mothers.
 - 6. Charle compensable: A selector that used the child some sout steeles to a schools that use a descendant combinate, expect only todat innedios child element.

Energy septing continated: A selected that was a general sibling combinated to match element based or 80 6 ling a slationship. The selected elements are based each other in the HTHL [~]

Adjacent 8:6/19/9 (ombinated: - A celepted that used a adjacent 8:6/19/9 combinated uses plus symbol (+) and 8 ambet the some as general sibling selects. The difference is that the toppeted element must be an immediate 8:8/19/2, hot just a general Sibling.

Attribute selector: - Selecto torgets elements bosed on the presence and 18 value of HTML attributed and 25 declared using square whereals

Specificity: A process of determing which CSS Jule will be applied to an element. It actually determined which be applied to an element. It actually wind then ID then sule take precedence. Inline 8 tyle usually wind then ID then the clock value (Pseudo clock (ottourale seld), the universal selects! the clock value (Pseudo clock (ottourale seld), the universal selects!

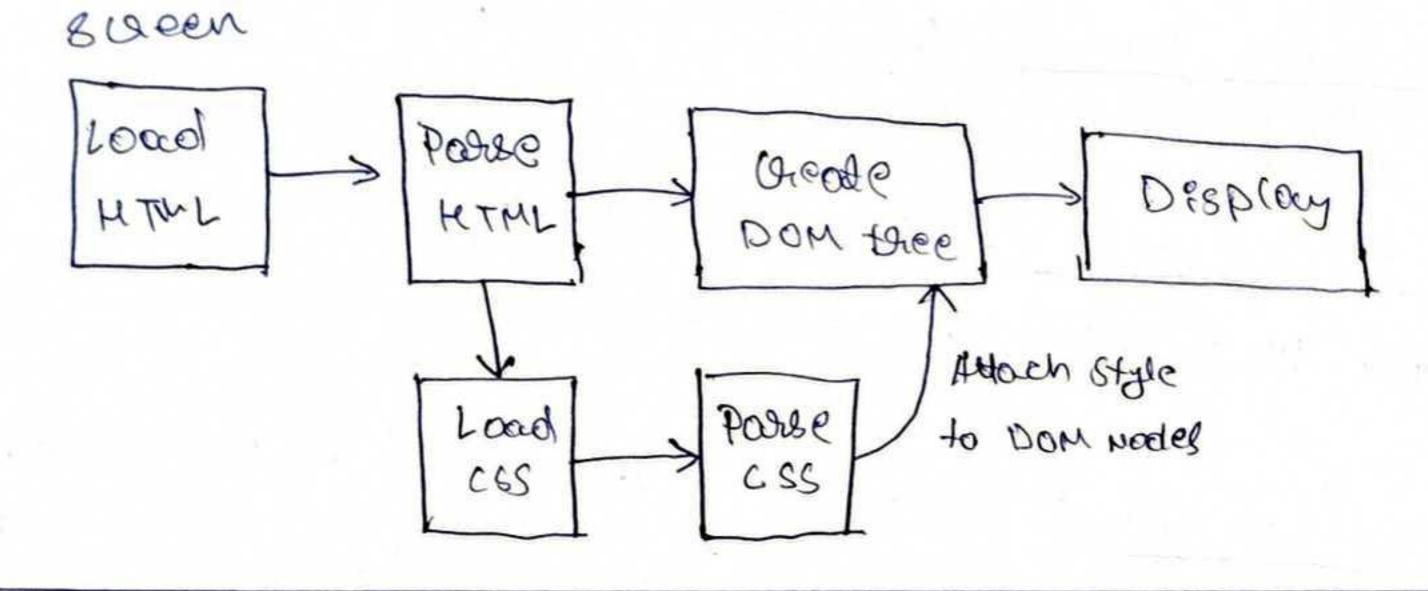
(+) has no specificity. It selects!

4. It we one opplying two would be some dis with deflocing still with use opply either world with a court opply either world was a cross to the clement.

- 5. what is css; why we use it?
- Au coscading style sheets (CSS) is a style sheet language used for describing the presentation of downers worther in a mostrup roundinage erept as till
 - · Better website speed: Css make website toster and smooth websete coperence
 - · togges to mosnow: css is cary to maintain because a single 1800 code changes affect the cutibie web
 - · consistent de ign: CSS enables developed to ensure the style elements one opplied consistently actions sonor or nor bordes.
 - saves a lot of time and effort · Time-Soury; ~-CSS in the web development.
- 6. How does css work?
 - 1. The browser loads the HTML
 - 8. It converts the HTML Puto a DOM (Downest object mode)
 - 3. Browso the fetures most of the recorders that one lenced to by the HIML downest, sien as embeded enrager guideres and renked CSS.
 - 4. Blowed pooler the fetured CSS, 5 stress the different Such these severts type into different buileds CE clement, und, ID and 80 on. Boxed on the selects it of los ilde of proofs former wines the Ersen to special to when nodes in the som and oftaches style to then or required,

5. The siender tree is lasted out en the structure of should appear en offer the sules have been appeal to et

6. The visual desplay of the page is shown on the



- 7. what one new features in terms?
- osloso or oudles are violes
 - o. Email attainme
 - 3. Placeholde allebuse
 - 4. propies top
 - 5. Now tog
 - 6. Figure tag
 - B. Header and Footes

- 8. what one mouth and demonts of carefund cas
 - 1. The style of a few downess can be could bed from the sex by wherezerg them
 - 2. multiple letter element on house numbrous downets, where loves can be made
 - 3. To observe styld in complex constance. Schertos and shouping standagies are whitized

Demonits:

- 1. The additional downland is expected to impost downers having style enformation.

 2. To acude the downers, the outer templose ought to
- be stacked 3. Not paadtice for small style defurtions.
- q. How can you breade a verted one people in them.

 M. HTML : frame is used to desploy or verted a coelo people

 (a respect within a people). The HTML = frame > top

 defind an inline frame, hence et is olso collect or our

 inline frame.

10. Explosin CSS box model

the box model is used to determent the height and

context: Adval context of the pax whose the feet of

bossold of sopons

padding: Area suspending the contest (Space blue boldes pools

Borgos: Area snoongrad the bogging

Mosper: Acco sussounding the border.

11. money se Doctabe ; Explosin

to the 10000000 opent ional stances take of expect.

Types

Start: The DPD contains are HTML elements and attainment but does not enclude prenertal sonal element (repertant)
Franceses are not allowed.

Thansifford: This DTD contains out that elements out office fort)

outsit cutes excluding presentational elements (1860 fort)

Framosets are not allowed.

Esamoset! This DTD is equal to HTMC 4.01 Teansiteonof but allow the use of frameset content.

12. Explain & cerpox peoporty.

At Plexbox is a one dimension layout used to augno items how zoutaly B vestically in hesponius Condition.

Boskedord

the container should stock thems to expected to thex

Low

Column

Develope work

Colour - Jeuella

flex-whap: This phopolity specified of flex stone should be whapped & not.

Jasen Jeen Jalon

flex-flow: TWR property is used for setting both flex-flow: Two properties in one statement trustify content certage

flex-stady. Hend ode algored at the stady of contained pres-end; Hend ode algored at the end of contained align-itens: That is used for aligning flex itens align-roudend; used for aligning flex itens align-roudend; used for aligning flex isnes

13. What care the diff desproy proposes and brock element
As entere: assure this we can display any brock element

or entere element

blocks :- wing two we can display any infine clement

Enland wing herpert & with valuel.

flex. It dispiass the container and element as a flexible

Entine-frex: displays the free contained as on Entire dome ourse sto content follows the flexbox peoperated

goed e- It displays the time element us a spied contained

16. on of one on the bestern book of

A. Static: Defaut value. Here the element is positioned accords
to the normal flow of document.

absolute: Hose the clerch is positioned schooling by the values of clerch. The first position is determined by the values of left, signal bottom, top

fixed:- This is similar to absolute export note the element one positioned retails to the channel element.

selective! Mesie the element is positioned according to the

ENSTROL: This deserts the property to its defoult value involute. Here the crement involute of the property of its palent.

to what closs name will you give if would to display a division on central of settless of settless of socially of bootstoop of the dign-items-centre to place restrant centre differ gustiff - could cetter to place their waterly certain differ gustiff - could cetter to place their waterly certain

16 Explain Hosstang

As Hoistery is a default behaverant of Is whose all the volume and fection decidious one moved on top

17. Explosin code out opply

My care: It is a pediffered nethod in IS. This method involves a freteen by 8 perifying the orner object apply! It is semilal to care. The only difference to apply! We apply method takes argument as an array

18. What one types of sostestypes of Is

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

Mongo: It suppose of hongs

Front: O strong decends

Tractor: Non Dos costrong decends

Strange: collection of characters it may be tro of letter. Strange and captition of strange quater

Boolean: Boolean com house only two values
Touce & False

- Neul:- It steplesents a non-gesteut fra Envedid value indefenses: caren a negrespice es declaped prot not absérved. non-brows too godor tabo: mayable and bors put graterico About! - which can hold more than one value, that value may be of any datalype object! - It holds the key-value possed and peoperates
 - cosatten fisses matters
- faction! reasoble set of code or statement used to perform codarn tosks.
- 19. What age object mothods?
- 1. object. Oceans (); mothers is used to oceans a new object and lank et to the prototype of our existing object.
- along condains the legs of 3.06sect. teys (): - creaters on on object
- 3. Object-values (): Occase on assay contains the calvad
- 4. Object. cutoices (): Occodes a nested adday of the replance posses of an object.
- 5. object. orsidu (): 18 roed to coba normer Erom one optied to another
- e. Opleg . toose (); brongs mogeteconsen of brobasses ond voluer of our object, and preverts proported being added & senosed from object

20. Explain set Tembout and set Intowal As settemeouts. method is used to could further or evaluate ou expellem ofto a spelficol no of ms Settentenale, method used to could a funtion of evaluate on exparan at sperified enteral 21. Cohat vs campade ferreteon As The functions that one used as our adjuncted to another fuction one coulso collock fuerion 22. Difference plus déclosation and défuitions Ay Declaration! gives delails about the Proporties of a 91des and Défénition: of a volvable some surce tre volvable get streat VOOL x = 3 declabation definition 23. Différence Yw assocs foutton & vonod fuction rostent bounger asson frestean Ang "Syntax is ladge · Squitax es short . fuetern regusted is not used furgion key word is used rocept is nothernat . No faction name

· don't use posionthesis

to a sergle agament

· use parametresies to assign

aguments

34. Colod & five ocaput of 5+4+4+4-4-9-4-9As 79 9+4=9 9+4=9=85 85-4=81 81-3=79

25. What is destauding in Js give on example

As Destauding as ignited to the a Js expersion

that makes it passible to unpack values soon abouts

8 paroposities from objects into destand valued

er: let a, b, Sists

[a, b] = [in, 20]

(0.20/e. (0g (a) //10 (0.20/e. (0g (b) //10 (0.20/e. (0g (b) //10 (0.20/e. (0g (b) //10 (0.30,40,50) (0.30/e. (0g (20,20,30,40,50) (0.30/e. (0g (20,20); //30,40,00)

26 cohed is type of openated by used to fend the type of a solventice. It setting the type of a absolute II setting the

27. Et plaser 8 pa ead and siert operator.

B Post posamolos: by using sost posametes we can containe the of of against.

my hubbs of conquireds used Commented England And horbed England

Spharei openedor: is used to sphead on allay and object literal. we also we spread operately whole ac or more agaments one expected in a furtion coul 28. Difference blu nul, underlined and empty hom 88 man to explicably detend nothing exi. vos name = nell; anderforced hopens when we don't obsign and to at valeable val name; de cene an empty empty! is an explicat was to Grosof. vos voure = ": 29 Type of null = object maetined = undefenced array = object

object = object

30 output of non = curdefined is tome because both detatypes on the used as a separated on of novalue output of non = = curdefined is folso because both are of some value but devalues also defended.

31. Brobasished control too objects home some stade of not

As == 84 composes only values between two values blw
two valeds

33. Exploser termedy operated with example

As tempty operated is also called conditional operate

is the only Is operated that takes trace operands

collect acts as a shortest for it statements.

let mades = 45
let aceut = (modes >= 40) ? 'pous': fail's
courale. log (acut) // pous

34. Worte a fortion for polindroup

footpon Palendronne (stoing) & Loust len = Stoing. Lengtin

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

14 (storeng [:7] = Storeng [sen-1-i]) {

9eterns 'It is not a possenderic'

}

granage of it works.

coust stoing: "madam"

coust Jalue = paienderone (steing)

coust Jalue = paienderone

```
As chave en o fucteon nowing access to postanctell
   or appennents of ets parental foration.
36. Worke paggram for Mourel
     function great () {
            "sure = "Denu"
             fureteon desplay () {
             setion name
           actorn desplaye)
     let or = Sheet ()
      (ougolo, log (a)
21. and is countagind number 5 correct the fartion.
    Aprilond: - An comistancy number of these stepas
     es ou brack that the same the cope of
     ets abbit & conor to the nampo etseat.
      er. 371 = 3°3°3 + 7°7°7+1°1°7
     let nous= 153
       1et 8m=0
       164 temb = nom
       (cent) sayor
            Demograce = temp.1. 10
            Sum += Demogrades & Demogrades & Demogrades
                    posse Int (temp(10)
```

35 colvat is closure?

3 (mun = = mm) 3; Coreole. Lad ("thes is something humber") 3 che & Colloc 100 (tres is not obunstaione number ").

38. What one closs of. As closed is a templose that as used to create objects in Jayasoupt

· costourdes fuelson & used to puttealize the Poroperates. of object

30. Destourting of objects Unpoek volved from oscials or bobestics from officer Puls distant valuablel.

40. Inholitance: - enables us to define a closs that tota all the fuelsonality from parent class 5 ollows us to oidd more

41. Spacord operable our 84 be used with objects object spaced operate con be used to clone on abject & mage objects rule one. The lowers is alway Ay Shallow.

48. whood is Super in 73

. It is used fusible a child closs denoted its Polental close

- hokushof to setudicte out sightens of poseural object
- Coll cockton fuetion of posendol object

```
43. Exploser Static method in is

As It is a inbuilt furtion i.e we cannot could

Static method on a object, only an object down.

Paroposites well opply to whate object

He. How do you loop tracush an object

By By 1297y Por En loop
```

let poson = {

Lame: Remphashartn;

age: 22,

DOB : 05 14/05/2000;

Comael . 'serupe of n anthr kon @ genoil. con!

33

for (let key in person) {

Consolcolog ('d Eprop : \$ Emertrent)');

B

? tugtus

name: Roughoshands

age : 22.

DOB = 14/05/8000

Cmael = semplashantnkmægmæil.com

```
of each number are
AS
     det courts = {3;
      det 000,04 = [1,10,8,3,4,4]
      assay. for Each (CS) => {couts[x] = (couts[x] 110) +1; 3);
      (struo) 401.21020)
66. White a feetpon to revolve a story
neskurt us tind gussen trantiser Le 24
    let stowng : "Joursonpt is best compange";
    J (orbetz) grietzuse rostono
                  et heistering: ";
                 houstoners = stowns [i]
                   hetern newstary
       let result: housesing (stosma);
         (ougole = 109 (see wht)
    =) meen proft en toeteon
          stand : " Janos Orept is post (ondrose."
       fuction revoluers (Storing) ?
          to also on = stocky. Split (" ");
           Jenesse: 80000 ag. Jenesse ();
                 = Severge - Join ("");
          riso mestes
```

45. Fueten to calculate the Erequency of occurrence

1ch herut = lessions (stains) Courole, log (log (loguete)

47. cosite a furtion on hemosing duplicated

M function wave (asolf

100 unique all = [7];

101 (all of asolf) (asolf) (asolf) (asolf) (asolf);

(61) wave asolf, push (1);

(101 asolf) (asolf);

in oscending sales

[et (2, 2, 3, 2, 3] ass (ose);

48. 60296 on fuseon on 884200 the Ma As oan page = [1000,50,8,7,14] Posce. 584(0,2) => a-b); (oxole.lop (posco) Posce. 584(0,0) => b-a); (oxole.lop (posco)

49. M

```
us mage 2 adams & senous duplicated costenail wing
    Enticet freetern
     fautron merge (0091,000 8) {
Ad
        (epec) towars. 1,000 - peco tol
        (et maque all . []
        3 (ceco 70 i po) sta
            36 (consoneaso-index of (i) = == -1) &
               ici) neug. les ongines
        cocole : log (mêque ale);
  (08+ 000 on 1 = [1.2, 3].
  covet assay 2 = [2,3,5]
   (Sepases, 1 porces) spor
```