Web Design Introduction to want like . - salvey Herebe -Internedicte advanced Proficient 40107 Websife Web application Infusactive \* Tryormationay \* Websites asi heb apps are dynamic Stayic. A Prompt the was to \* uses authentication Sign up before granting is not needed to view full access to the informer websites eapplication triaderide web disignesson wind may world the of uses HTML It cstst to structure of styles overall look & feel of a websete in terms of forts, colour, images etc. use experience & interface is the prime fours of the designer web designes web developer \* Ensure that the Develops the backend lotrain all Code website looks focuses on functiappealing to the uses 4 - onality & usability focusis en Confent creefion Uses interferce vser experience olour Schemes, Vers language Such as Images 4 Confert

# 4- Stage of web design confunt Layout - confert placement - Wireframes - Novigation - Graphics - Text advestisement Graphics Launch - coloss - Sife signed off & - forys trendy to go live - images - final testing - weighing up completed functionality & Monitoring site hits conferf My to apply are due Wirefrance Basic layout of your mebsite ensure the layout is K appropriate for your tite before you begin work on elements to blog with the assungement on elements to highlight impostant pratures HTML (Hyber text Mark up language) hasic structure of what I suismonth a <! DOGYPE Houls < html > < head > < title> Hello world </title> <1 mad) Shody's 1-20-127 1 12 </body> 8 </ nfml> 13/18 1 W/XXX

CSS (conscarding style sheefs) describes how upul wook - well appear in the Web howers tonts, borders, customising etc Java Surpt Programming language used to add advanced functionality to websets & develop computers programs a common language for lient-side infusctions. Important tegs # < body's contains large majority of life dates

\* <!doctype> - defines document types

A <! ... This is a comment --- >

\* (head) - confering downent defails

< tifle> - what will be shown on internet feets

\* < h1> - formules text veing bold & increased fout

\* < PS - uniform former for general information

(HTML & CSS) Comments

\* comerfing is used to explain what your script is doing / supposed to do

A comments can be used to place marks for where you would like to change of add something.

\* It allows anyone vering your scripts to be able to understand then

HTML K

<!--->

X

end from the war what LEN JOS I TURNEY

HTML Defails buch as footes \* (feofus) allow the use of image A (ing) allows the addition of sections x < dfv) allows the Graffon of table \* <feeble> Creaty table sows & treate table headings \* > WHI of was CES syntax explained property Value { text -align : centre ;} decforation The position property Description property name & static This is defaut position l'will be positioned in regulatory order Defines the element new position with \* Relative help from elements such as top boffor /left le sight. ixed this means of says in the same place even when the page is strated through. This prevents empty space on the page \* Fixed on the page This elevent allows you to place the \* absolute element anywhere on the web perge by using the elements, top, bottom Le, A sticky This is a mixture of fixed & relative This is bound on the usus such # Color Lodes

\* color codes are used to format color in a way that computers can send

The most commonly codes used tree Mex colos codes made up of 6 digits The 3 primary colors are Red, Lyteen & Blue The hex code (RUB) represents Red, green. & blue by mixing the highest intensity of one color with the lowest intensities of the other two you can creat any desired color. men in lind - wist of company was grieve Text from exicultifications In the of 29) - Creates hyperlink 2/29 2220 # Sidebar Static Navigation anchored to a section of the screen entired Simple fato navigation de straves visus all links are visible to at all times for easy use Emperiale anitosnity of appropriate greenfings. Hamburger menu Top left cosmic of the VI (uper fine) toggles between a hidden men to an expanded meny 25id they it's to Resembles hamburger purpose? Mulfimedia meny - utilises media as links if substituted years - Drages Design - Videos I Uses experience Relies on visual to guide the user experience Drop down nemy 120+2102/2 - This menu types allows items to be expanded . info Sub (smaller menuy).

This design works well on sites with a 10t of numer applien

layout

column layout

- Simple & Strandolned design

- simple navigation option

- Draw focus to the central elements of the websit

Ful screen Image

- using an image to cover the full screen

- Text functionalities will be placed on top of this image

- vers gets an immediate undesstanding of the lite

arid layout

- clear layout to point of himself

- main elements of the site are linked together in a logical way.

enousage uniformly 2 appropriate groupings.

Healdline & Thumbnail

- Thumbrails are smaller representations of images
- user decide if they would like to see the image
at its full size

Harriganan Mansperly

# Content

key considerations: -

\* Design

\* usus experience

A visual design

\* Structure

A fant or typography

what were to fel a little with the

Typography but STATE OF THE POLICE Render text in diffrent ways These are thousands of difficult typographies. Measure by legibility & tomesons Lister to beaples would it mid i set them What does sesifundanish in horrows defines à decorative line that decorat letter E indimina wised sans sesif serif ... philidizing . · Feed borek Vser-Expesience jegni - minglemos o affologuer ce UX-design MCI (Human computer interaction) Interface-- usis Research Navigation usability Structuring Design Accessibility. Human computer interaction (HCI) Stituations/environments in which technologies & people work together Designed to promote efficiency & productivity formes on user experience geals. supering 2-3 contenes Studies have been of conducted on the infration to ensure the Safety of human Cognificon Sensation short line of text of to go character changed was tom introduced is willed in his 1165 bajors

Uses Research · whay are user good I bad at · How can you help them with the way they currenty do things · Think about what will brovide a quality usu experience Løster to peoples wants & needs & get them involved in the design. use tried & tested techniques en the design Design Principles 11200 11292 com. · Visibility · Feed back or some information · confirming - input, by the the uses is valid · affordance Usability effectiveness! safety · learnability Efficiency nemosab, city The rule of Seven The season that all the Hems can be scanned visually. Farther Asom Mond ? No mose than Seven aptions are key: bjuidelines: - short paragraph containg 2-3 sentences 2 seperated by whete space clear visual hierarchy with the headings 4 Suphradings. Short line of text, up to 80 characters. chunking was term introduced by Miller in his

## # Graphics

#### origin of color wheel

- designed by sir Is'auc Newton in 1706
- Natural progression from Dark to light

  when the wheels spins of fast speeds the
  human eyes sees white.

### color schemes

- complementry - colors that are apposite each other on the colors while are considered to be complement colors.

NEWS 15' J. O.

A. Intelligence

- Rectangle (Tetradic): The sectangle uses four colors orsanged into two complementsy pairs.
- Analogous color schinis uses colors that are next to each other on the color where
- Triadic A triadic color scheme uses colors twof are evenly spaced around the color wheel
- Square The square color scheme is similar to the sectangle, but with four colors spaced evenly around the color circle.
- (plif complement It is a variation of the comp--lementary color scheme. In addition to the base color, it was the two color adjacent to the comple--ment.

### Color Psychology

- Evalutes the emetion/mental states are influenced

to mondo teol-bout est

- Impacted by
  - · Tone
  - · Brightness
  - · MITING ADA
  - · Shade

- Main volos cafegosies		. 11
· wasm		
· Lcol		
- colors may be perceived diffrent cultures	and chiles	ent
* Power * Money *  * authority * health *  * Strength * Envy *  * Intelligence * Calminess		ring ric
* Engly erange Purple  * Enquerian * Royalty  * energy  * Adventure * Misdon  * Fun	* Love	C)
* Spiritual  * Practical * Power  * Timber  * authority	and the congression of the	
Hair Launch	the section	-
Domain Names Broken-Down		
Third level domain second level domain	Top-level de	emain
WWW. domain name	· Com	
URL (uniform Resource La		4
· Third-Level Domain	A harpenda a	

- The third-lavel domain or subdomain is

most commonly www (world wide web)

The www is a network of content that can be Wiened online I is formoffed in HTML & can be accessed via MTTP (Hypertext Transfer Profocal)

## Second level Domain

- only includ letters, number t hypens
- If may not exceed 63 characters & may not be less than 3
- you may not breach another trademark or sixk phlegalocution is well town would have bid that then want the er we ofter home not. took

## Tep level Demoin and was remained with

- This is the final Section of a doniein name
- originally use to indicate the category the site fits into.
- Management for the majority of top-level domains is specified by ICANN

  I - internet

  Corporation for the state of the state

#### Common Pap level Dames n Names

- . com intended for businesses but has since been opined for more general purposes
- · net = typically used for internet survice providers
- . org generally used for non profit organization (JM74) Whatel

why constitutes (as he tring as a recognition of

remedel Hope plat

## common Top level Domains for cosquerisations

- edy-used only for considert schools of go
- gov used only for united states governments
- mil used only for the united states -

# pomain Name Systems (DNS) was it

- Vital part of the internet - Did you know that these is a scret dot that you never type or see after your Url: www.domainname.com.
- space stress the soot of the internets name

## 12 DNSpot servers file four with 201 pour special

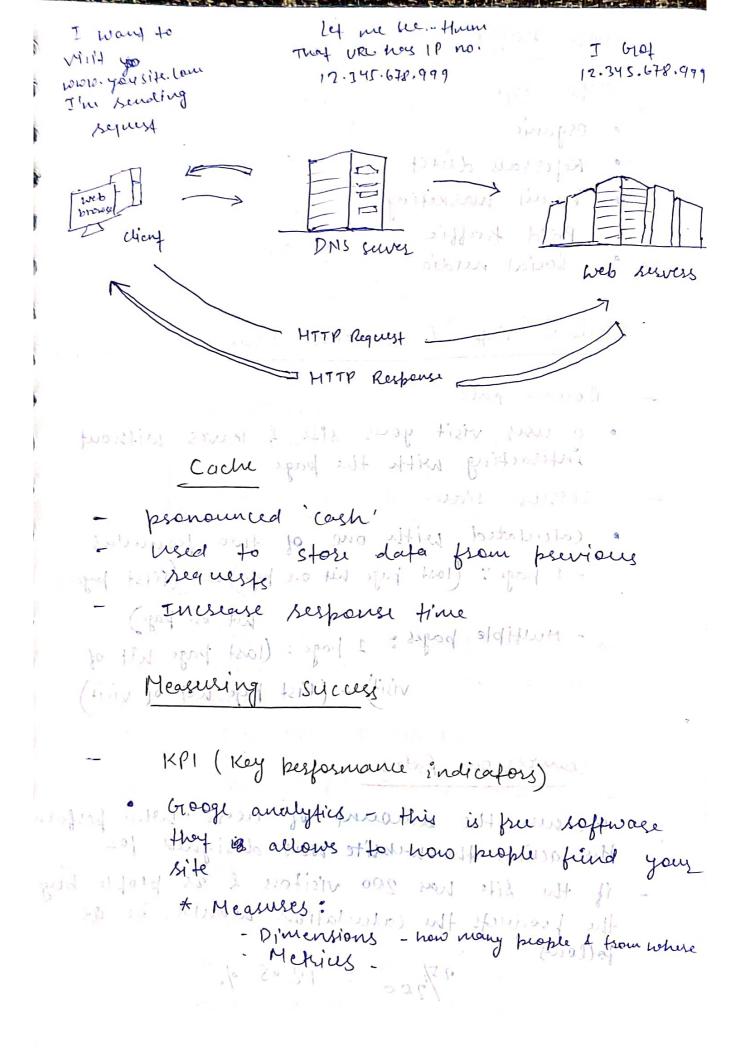
DNIS servers are used to store defabase of public IP addresses along with their host names.

## 168.212.226.204

- They give ous tomes a first impression based on wording/phrases used

#### Web servers, and have presently to the

- We survess are used to hold HTTP that are used to bresent files in the form of websites (HTML)
  - Any compages can be used as a web-server



## Web Keyfic

- Kaffric types
  - · Osganic
  - · Referrals direct
  - · email masketing
- · Paid Kerffic
- Soy'al rudia

## Bounce Rafe & session Time

- Bounce Rate
  - · a user visit your site & leaves without interacting with the page

HILL Korbent

- session time
  - · calculated with one of two formulas
    - 1 page: (lost page hit on page) (first page
    - Multiple pages: 1 page: (last page hit of visit) (tirst page hit of visit)

#### courtession Rates

the action the wind to designed for

- if the site was 200 visitors & 25 people buy the products the calculation would be go

25/200 = 12.5 %.

## Profits e Refuser on Investments

- Profit: money made after all expenses have been paid
  - ROI: evaluates the gain of loss to the investment selative to the money invested.

ROI = (cussent value of invistment - scort of

cost of notificates fruent

(VIL)

CV-part-1

Adric Resol Tables site diargrams of mit with of the I Wire frames punctory & expense What are java (classes? ) How part what are I ava functions

Java #

Theresame book < " book = 10 moles

- first released by sun nucrosystems sin 1995

  many websites (applications won't function without java installed
  - Java is fast seemse & seliable
  - It can be used for delletop computer, ganfing etc.

#### Java functions regulate single of #

- Segments of gava script
- function will be within <script togs.
- functions need to be called (invoked) within HTML
- ex function name (P1, P2) { action to be taken '}

-> tell that buffing some jour script function open Nav () { document. get Element By Id ("my Skdenav"). Style. dis blay = "block". function woseNaw() { document. get Henrent By El ("my Sidenar"). Style. display = "none"; CV-part 2 - promperni jo polov positivi) - 10% 400 billion active Mebsites 7-7 billion people on the planet Advanced tables Introduction to forms Images & Transparency WHIL MUTHO Introduction to buttons Transition, and our windle are Linear Gradients Clarel for : "meg" > your merrage: </ lakel) matical appriations freelficer uniformat # last name & he web-design web development be used for desire Graphic design Social media marketing jo there appear Digital marketing of the works must inter (bus mobiles app development fraction makes (11.17) [ diding to be taken if

· creekill listers for apply Images byallesies a for a se in column chayout, print provide forticionas course our fresh Responsive Design beijikana 1201 10010 K21/25 Mainly emidia screen d (max-width: 600 fx) 411 hour width: 100%; CA- barl -11 How to get your CV just sight. # - Ano are don't prome proposed · Personal profile 2009 210018 pros Key boints: - who ever you?

What do you have to offer?

What are your goals? 5-3lubam NB\* Tailor your CV to the specific job you are applying for! (work allorary to their ned) Personal Información Key points full nance Walion Email Confact number Hill Potter linked In Education smarter "1" Atim gratuate Institude name beent Hote - Qualification name / renel/ Year prisest? special achievements of tests to softwit out warm if to the Hope pristate 1. 0 of skilly fests & theoryand - Key words Ist slinest free this , brocesof moon of the first. supplimetert. Read the job advitishing Port Josque soft skill

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· chicklist Before you cibbly 8 Hed V. integes bloomsiet Spell Check Lorst modified good court with a font & Lest modified chick seferences Read the job description again! 1. 101 i whole cv-part-4 Testimonials Rounded Images copy sea ones Key Skills Bass part mores? bordy-radius: sopx; (for · circley image) was ab tooked module - 2 MRª Tailog HTML 5 & CSS3 applying introduction to Web 3.0 · LEVPONUI FRIE Kell bours July Normer Cherthan # File Paths enhance frages LIMITED EN Starting with "/" seturns to the soot directory Starting with " none one directory backway Stasting with the of self mores two directories backwards & start there (2 60 on) to move forward, just istart with the first subdirictory & Keep moving toeward Don't first feet thing

