index . html L DOCT XPE html> <ht ml> Krameset row 3 = "50" cols="200"> < frame src = "top html"> < traveset cols = " 200"> cifraine set> < frame. set < html> * to p. html> Chi & Bike Showroom This 7< alreat="hondarhtml;" target =" right"> Handa < la>411>

<Li7 < a hef = "y amaha-html> target = "right> xamaha.html>" Llircafrefe"suzuki. html" target = "right"> suzuki < /a>

LLiz E/MZ

(hondarh trol) charttonda 2/h2> Ep > Modeld: CBR 500R < IP> ep > Model 2: CBR(000RX/P> (gamaha . Html) Lher Yomahak/her LP7 model t: Y2F-REKLP> XP7 Hodel 2: Y2F-R1×1P7 (susuki : html) Lher suzuki </her CATHOdel 2: GSXR9000×1P2

9. Cformy Che 7 Job Aplication Form </r> (Leb el > First name : < label> ximput type =" text" hame = "first hame" > Cor> cbr> </pre king ut type = "text" main e = "Last - home e > < 6r < 6r> Llabel > Degree: </label> «select nam e = "degree"> Loption value = "high school"> High school < loption> coption value = " ba chelorg" Bachelov S < loption> Loption Value = "masters"> Masters & loption > (sdod > < brz < brz < brz

Clabel 7 Gender: Kildbel 7

inputty pe="Vadio" home = "gender" value = 'male ">male cinput type = "radio" name="garder Value = 'imale 'female Lipput type = "vadio" name = "gender" value = "other" soth excor>cbr> L'outtontype = "Submit"> submit abutton> <1 formy

LAMP (cinux, Apache, MySQL, PHP)

- · operating system: Linux
- · Web server: Apache
- · Database : MyS &L
- · programming Language : PHP

WAMP (windows , Apache, Hysac, PHP)

- · operating system; windows
 - · Web server: . Apache
- · Database : Mysal
- programming language: PHP

Apache's Role

- . Handles HTTP
- · Servers web pages
- · Integrate with PHP and My SQL

HTTP Request

1. Method (GET, POST, PUT, DELETE)

2. URL

3. Headers (into about request)

4 Body (optional data)

HTTP Responsed

1. status Code (200 OK, 404 Ast Bound, etc.)

2. Headers (infoabout response)

3. Body (optional data)

Common status code

- -200:0K
- · 404: Not found
- . 500 1 Server Error

```
5. HTML
     Index. html
    LO OCTYPE HEME?
     < stone >
      <head>
     Klink rel = "style sheet" href = "style.css">
    Lbody
        < h1 > Home < lh 1>
       <a hvef="about-html7 About</a>
       < a hvef = "contact. html" Sontact = lax
    CHEML>
    css (style.css):
     body . 5
     font-family : Arial;
          background - colour: Blue
         colourited;
      { text decoration: hone;
   HTML 5 features
6.
                                        < button 7 Submit < 1 button >
   I New input types
```

1: New input types

(email, date, time)

2. For m validation

(required, pattern)

3. Semantic Element

(header, Footer, wax)

Lform>

Llabel > Name: <(label>

Cinput type = "Ext! required>

Llabel > Email: <|label>

Llabel > Email: <|label>

Limput type = "email" required>

<button 7 Submit < [button >

< (form >

L. Tomproved accessbility
2. Better form validation
3. Enhanced Over experience.

Lform7

< label > Name: < [label>

Curput type = "text" required >

Llabel r Email: < (label >

cinput type = "email" required>

whose shessage: a linbers

Lext area required 72(textarea7

«button > Subm it < [button>

< (forms

Res ponsive Web Design

1. fixed Layout (fixed pixels)

2- Fluid Layout (percentages)

3. Responsive Layout (adopts to sureen size)

css techniques

1. Flexbox (flexible Layouts)

2. Grid (grid -based Layarts)

Scheen Size 3. Media Queries (styles for different Example CSS

Container . S

display flex;

flex - wray: wrap:

2

Quedia (max-width: 760px) {
/* styles for smaller screens)

9. Key principles.

1. Flexible Layouts

2. Scalable Images

3. Medical Buevies

CSS Techniques:

1. Flex box

2. Grid

3. Boo t strap

Break points:

1. Mobile (320 px-479 Px)

2. Tablet (480px-767px)

3. Desktop (768pxt) Design Considerations:

i Simpler Navigation

2. Clear Typography

3. Hinimal Content

* Tools:

1. Google Chrome Dev Tooks

9. Mozilla Responsive Design Hode

3 . Hobile - Priendly Test tool

Webpage Design

· Header

· Content (text, images

· Footer

HTHL GEHENTS.

· hI-h6 (Readings)

· P (paragraphs)

(im g (images)

. a (Inks)

· MI (01 (Lists).

10.

HTHL Response:

1. Oser requests Webpage (GET)

2. Server sends HTHL (200 OK)

3. Browser request ve sources (ess, Java Script, Images)

4º Server Sends resources (200 ok)

5. Browser displays Webpage