URL > Locator

URJ > Indicator

Protocols was segued brokens surreply work to

TO IP IN MILLER PARTIES AND WILLIAM TO THE PARTIES

Interest Perogramming

- accented over the Internet.
- interactive and wer-fairently web-applications.

Baio

1) Client Server Architectures-

client: The was device(browses) that orguests data our services.

Server: The backend System that processes ore questr and sends the appropriate

2) Well Technologies: -

HTML:- (HyperText Mankup Language):

The standard languages too couating webpager. It defines the structure of a webpage wing elements like headings, paragraphs, links, images etc.

· HUNDER WE HAVE

CSS (carading Style Sheets):

colors, forts, and overall look and feel of a webpage.

Towarriphs. A programming language and to conser inunactive effects within web brown. It allow dynamic content changer from validation animation and handling events like click our lay presses.

3) Webservers and Databases: -

- handles ouquests from clients, servers were pages, and manages resources.
- · Dotabases Stovies dut a that the web application can vietrive, update, and manage. Commondatus include mysal, Postgresal, and Mongo DB.

4) Protocolse-

ettel HTTPs (Hypertext Trawfor Protocol I secure): the Protocol and to for trammitting data between the client and server over the web.

Ted IP (Transminion Control Protocol) Internet protocol)

The underlying protocol teat ensure relicible communications

over the internet.

5) Backend Programmings

for handling Organier; database operation, and business logic is implemented.

```
Scenario 1) Simple personal coebrage.
    < ! DOCT YPE html)
1)
    < Him lang="en">
     < head>
       < met a charset = "UTF-8">
       <title> personal page < /title>
    < head>
       < h 17 Your Name < / hi>
       < P> This is a brief bio about yourself . < IP>
        < a bhref = " https://www.yourfavoriteweasho.com">
             VISH my Favourite Websites/a>
       <160dy>
       < Intmi>
  output: Your Name
    That as a brief bio about yourself
     Visit my favourite website
2) Image as a Clittathe line.
   < ! DOCT UPE HIMI>
    <n+m1 lang =" en">
    < head >
           < meta chasses = "orrze">
           <tite > Image = fint < |title>
    < head>
    < bo dyo
       ca
    href = https:// www.toregetwebsitecom's
            <imq src - " path I to | image . jpg ".
     all " pesitiption of image" >
          <10>
      < 160de>
      < 15+m1> outputs
                               image
```

```
3) Navigation Rain with Unorderedlist.
                               STAR COURSE INVESTOR
     CIDOCTUPE INTIMIS
      < h+ml lang = "en">
          <meta charget = "ore = 8">
      <head>
          <tile > Manigation Bar < | title>
     < | head > may month or i from a series
     (body) made and with " - land of
            < 1i> < a href="home.html">home<la><1i>
            < 11> < a hret = a bout html"> about < 19×10
            <ahref = "contact.htm" >contact | axis
      </11/2
                  Thereon tools and haid a so and
      < body>
                          affective attractively got that
      C/h+m17.
   Student Grades Tuble
    <! DOCTUPE html>
     < html lang = "en">
     < head >
         <meta charset = "UTF = 8">
         < title > Student Grades < | title>
     < | head >
     < body>
         < +able border = "1">
         < +x> "man a tild meta vat moral li squal a moral
            <+h>> 10 < |th>
             < + h> Name < 1 th> 10 mm/1/2000
                               <10.0
             > Grade < |th>
                                         Calcal S
        < HY>
                                 - KIMENIS
        < +8 >
             < +d >101 < |td >
              > John Doe < |td>
```

```
> R 
      < Itr>
      </ able>
                        count age than to
     < 16ody>
     < /him>
  output:
                                 Change
                 12 100 - 122 FOR 62 200 S
     ID Name Grade
     101 Johnboe A
     102 JaneSmith B
 5.) Product Information Table with merged cells.
                      ally a second whom?
   < | DOCIABE PHIMI>
    < head>
            Eddle some of assert
       < meta charget = "UTF = 8">
      Ttitle> Product rable < Ititle>
                                5 84 3
   < Inead>
    < body>
        < 1 alle borden = "1">
                             3 3 3 3
        <++> 01/3 ment 2 1/4 = 1+4
        < + h (18 span = 11 2" > product
  Name (Ith>
                              e, +1 >
      <+ h > parce < Ith>
                             2 16 de 1 2
      <+h>Quantity < |th>
                             Chegal S
  c'mill's
  <+x>
     <+ d colspan = "2" >product + 
     C+ c1 > 9 100 (1+ d)
     > soc|td>
 < 1+x s.
  <1table>
  <16+m1>
output:-
  Product Name Price Quantity
    Product A $ 100 50.
```

```
6) Employee by Department Table with Row span.
    CIDOCTUPE MODIS
     <h+m1 lang="en">
       cheads
           <meta charset = "UTF = 8">
           ctitle> Employee = Table < Hitle>
       < | head >
       < body>
        Department < 1+h>
        <++>
                 <+h>Employee Name < |th>
        <11x>
        <+r> .

</p
                < +d>> Jane smith < |td>
         < 1+8>
          (tr>
              < tel > Alice Johnson ...
                        authorize to the service of
          <1+1>
      < Itabie >
                                   THE STREET
                                   Cally otherwise to
       < 1 body>
       </h
  output:-
                   glate & reporter to a segue to the
                             Employee Name
         Department
                                     John Doe
                                    Jane Smith
            marlating
                                      Alice Johnson.
```

```
a) Frames with Navigation and Content Areas.
   <! DOCT YPE HAMI>
   < h+m 1 lang = "en">
    < heads
       <meta (harret = "UTF-8">
        Ctitle > Frame layout < Ititle >
    < I head >
     <frameset cols = " 20x 80x">
         cframe stc = " Navigation . html name = " left">
          <frame src = "content html".</pre>
     hame = "main" >
                            THE PERSON OF THE PERSON
     < (trameder>
      < I h+m1>.
8) Frames with Document and Foot
    < ! DORTUPE h+m1>
                                   clouded >
    < h+milang = "en">
     < head >

    (Hitle > Frame < layout dittle>

     < lhead>
     (trame set rome = 11 +2x 22x = >
         < frame suc = " document. html",
     name < "top">
         <frame src = "footen . Hm !"
     hame = "bottom">
     < If rameset >
      < lh+m1>
```

Three column Francisco. CIDOCTUPE WHAT! chimi lang="enity (head) crieta Unant = " 176 + 4" > c fine > Three century layor (161467 < thead > Cframese + Cole = "200 % 200"> <pre cframe sec = "cemero hours" mame = "centu" > cframe sec = "right-home" mame = " right = " > < I frammet > < Intmis.