Web Technologies Lab Experiment - 1

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Branch: CSE

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Question:

- 1) HOME PAGE: The static home page must contain three frames. Top frame: Logo and the college name and links to Home page, Login page, Registration page, Catalogue Page, Cart Page etc. Left frame Right frame
- 2) LOGIN PAGE
- 3) REGISTRATION PAGE
- 4) CATALOGUE PAGE.
- 5) CART PAGE

HTML CODE ALOUNG WITH CSS

The Frame file code (home file)

Top Frame Code (logo_file.html)

```
!DOCTYPE html>
<html lang="en">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML LOGO</title>
  <img style = "height: 50px;" src="https://upload.wikimedia.org/wikipedia/e</pre>
n/thumb/a/a6/Gandhi_Institute_of_Technology_and_Management_logo.jpg/220px-
Gandhi_Institute_of_Technology_and_Management_logo.jpg" alt="image not found">
        <h1 style="display: inline-block; text-
align: center;">GITAM UNIVERSITY</h1>
        align: left;"><a href="./description.html" target="right">HOME PAGE</a>
     <a href="./cart.html" target = "right">CART</a>
     <a href="./catalogue.html" target = "right">CATALOGUE
a>
     <a href="./lab_registration_form_03_02_2021.html" targe</pre>
t="right">REGISTRATION FORM</a>
     <a href="./login_form.html" target="right">LOGIN FORM/
a>
  </body>
```

<u>Left Frame (control pannel.html)</u>

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Control Pannel</title>
   <style>
       a {
           display: block;
           margin: 1rem;
           text-transform: uppercase;
       ul a {
           margin: 0;
    </style>
<body>
   <h1>MENU ITEMS</h1>
   <h3>CATALOGUE</h3>
   <u1>
        <a href="./python_file.html" target="right">PYTHON</a>
       <a href="./html_file.html" target="right">HTML</a>
       <a href="./css_file.html" target="right">CSS</a>
       <a href="./javascript_file.html" target = "right">JAVASCRIPT
a>
   <hr>>
   <a href="./description.html" target="right">HOME</a>
    <a href="./cart.html" target = "right">CART</a>
   <a href="./catalogue.html" target = "right">Catalogue</a>
    <a href="./lab_registration_form_03_02_2021.html" target = "right">Reg
istration Form</a>
    <a href="./login_form.html" target = "right">Login Form</a>
</body>
</html>
```

Right Frame(description.html -> default page loading)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-</pre>
width, initial-scale=1.0">
    <title>Description Page</title>
</head>
<body>
    <h2>Description Of the page</h2>
    This page is designend for the student login
    It gives information according to various subjects the
e students can access and the books related to them
</body>
</html>
```

CART PAGE(cart.html)

```
Quantity
 Price
 Total
 Javascript
 1
 200
 200
 Python
 200
 400
 HTML
 250
 250
Total Amount = 850
```

Catalogue Page(Catalogue.html)

```
<!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Catalogue Page</title>
   <style>
      img {
         height: 100px;
         width: 200px;
         text-align: center;
         margin: auto;
         display: block;
      .a {
         width: 120px;
   </style>
<body>
      IMAGE
            Description
            Prise
            Add to cart image
         <img class = "a" src="./Javascript.jfif" alt="">
            Book Name: Master Javascript edition 2000<br>Author: Mikhel
William<br>Publication: Person Education
            200 RS/-
            <img src="./cart_image.jpg" alt="">
```

```
<img class = "a" src="./python.jpg" alt="">
           Book Name: Automate the booring stuff edition 2nd<br/>br>Author
: AL Sweigart<br>Publication: Pearson Education
           399 RS/-
           <img src="./cart_image.jpg" alt="">
        <img class = "a" src="./CSS.jpg" alt="">
           Book Name: Master CSS edition 2000<br>Author: Mikhel Willia
m<br>Publication: Person Education
           169 RS/-
           <img src="./cart_image.jpg" alt="">
        <img class = "a" src="./HTML.jfif" alt="">
           Book Name: Master HTML edition 2000<br>Author: Mikhel Willi
am<br>Publication: Person Education
           500 RS/-
           <img src="./cart_image.jpg" alt="">
        <img class = "a" src="./HTML_1.jfif" alt="">
           Book Name: Master HTML edition 2006<br>Author: Mikhel Will
999 RS/-
           <img src="./cart_image.jpg" alt="">
        </main>
</body>
/html>
```

Registration Form Page(Register.html)

```
<!DOCTYPE html>
        <title>Registration Form</title>
            .pd {
                padding: 5px;
                width: 100%;
                margin-bottom: 5px;
            body {
                background-color: #FFE5EA;
        <h1 align= "center">Registration Form</h1>
            <form action="" method="" style="width: 480px;">
                <input maxlength="100" class = "pd" style = "width: 100%;" type="text" name</pre>
="username" id="" placeholder="Enter your name">
                <input type="number" class = "pd" placeholder="Enter your pin number" >
                <input type="date" class = "pd" placeholder="Date of BIrth" >
                <br>
                <input type="password" class = "pd" placeholder="Enter password" minlength=</pre>
"10" maxlength="20">
                <input type="password" class = "pd" placeholder="Re- Enter password" minlen</pre>
gth="10" maxlength="20">
                <label for="">Gender</label>
                <input type="radio" style = "display: inline;" >
                <label for="male">Male</label>
                <input type="radio">
                <label for="male">Female</label>
                <br>
                <br>
```

```
<label style = "margin-</pre>
top: 2rem;" for="Department">Choose a department:</label>
                <select name="departments" id="departments" class = "pd">
                  <option value="volvo">CSE</option>
                  <option value="saab">ECE</option>
                  <option value="mercedes">Aero</option>
                  <option value="audi">Electrical</option>
                </select>
                <br>
                <input type="email" placeholder="enter email" class = "pd">
                <input type="number" placeholder="enter mobile number" class = "pd">
                <br>
                <label for="address">Address</label>
                <input type="text" placeholder="Enter house number" class = "pd">
                <input type="text" placeholder="Enter street or location" class = "pd">
                <input type="text" placeholder="Enter village or city" class = "pd">
                <input type="text" placeholder="Enter District" class = "pd">
                <input type="text" placeholder="Enter State" class = "pd">
                <input type="number" placeholder="Enter Pin code" class = "pd">
                <br>
                <br>
                <label for="Enter hobbies" class = "pd">Hobbies</label><br>
                <input type="checkbox" id="1" name="1" value="">
                <label for="vehicle1"> Batminton</label>
                <input type="checkbox" id="2" name="2" value="">
                <label for="vehicle2"> Cricket</label>
                <input type="checkbox" id="3" name="3" value="">
                <label for="vehicle3"> Reading Books</label>
                <br>
                <br>
                <label for=""> Enter Comments</label>
                <textarea name="comments" placeholder="Enter Comments" id="comments" cols="
30" rows="10" class = "pd"></textarea>
                <input type="file">
                <br>
                <br>
```

Login Form(login.html)

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Form</title>
    <style>
            margin: 0;
            padding: 0;
            box-sizing: border-box;
        html, body {
            height: 100%;
           overflow: auto;
        .input {
            margin: auto;
            overflow: hidden;
            max-width: 600px;
        form {
            display: flex;
            flex-direction: column;
            width: 450px;
        main {
            height: 100%;
           display: flex;
```

```
justify-content: center;
            align-items: center;
        input {
            margin: .2rem 0 .2rem 0;
            font-size: 1.2rem;
            line-height: 2rem;
        button {
            padding: .3rem;
        h1 {
            text-align: center;
        .mar-1 {
            margin: 5px 0 5px 0;
    </style>
        <div class="input">
            <form action="">
                <h1>Login Form</h1>
                <input type="text" placeholder="username">
                <input type="password" placeholder="Enter password">
                <button type="submit">Submit</button>
                <button type="reset" class = 'mar-1'>Forget Password</button>
                <a href="./lab_registration_form_03_02_2021.html" target="right" s</pre>
tyle="margin: 10px 0 10px 0;">New User! Register Here</a>
            </form>
        </div>
    </main>
</body>
</html>
```

```
!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Python File</title>
       img {
           height: 100px;
           width: 200px;
           text-align: center;
           margin: auto;
           display: block;
       .a {
           width: 120px;
   <h3>About Python</h3>
   >Python is an interpreted, object-oriented, high-
level programming language with dynamic semantics. Its high-
level built in data structures, combined with dynamic typing and dynamic binding, make it v
ery attractive for Rapid Application Development, as well as for use as a scripting or glue
language to connect existing components together. Python's simple, easy to learn syntax em
phasizes readability and therefore reduces the cost of program maintenance. Python supports
modules and packages, which encourages program modularity and code reuse. The Python inter
preter and the extensive standard library are available in source or binary form without ch
arge for all major platforms, and can be freely distributed.
   <h3>Books Availible with us</h3>
   IMAGE
           Description
           Prise
```

Description -> HTML file

```
<!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Python File</title>
       img {
           height: 100px;
           width: 200px;
           text-align: center;
           margin: auto;
           display: block;
       .a {
           width: 120px;
   <h3>About HTML</h3>
   n 1980, physicist Tim Berners-
Lee, a contractor at CERN, proposed and prototyped ENQUIRE, a system for CERN researchers to use and s
```

```
hare documents. In 1989, Berners-Lee wrote a memo proposing an Internet-
based hypertext system.[3] Berners-
Lee specified HTML and wrote the browser and server software in late 1990. That year, Berners-
Lee and CERN data systems engineer Robert Cailliau collaborated on a joint request for funding, but th
e project was not formally adopted by CERN. In his personal notes[4] from 1990 he listed[5] "some of t
he many areas in which hypertext is used" and put an encyclopedia first.
       The first publicly available description of HTML was a document called "HTML Tags", first ment
ioned on the Internet by Tim Berners-
Lee in late 1991.[6][7] It describes 18 elements comprising the initial, relatively simple design of H
TML. Except for the hyperlink tag, these were strongly influenced by SGMLguid, an in-
house Standard Generalized Markup Language (SGML)-
based documentation format at CERN. Eleven of these elements still exist in HTML 4.[8]
   IMAGE
          Description
          Prise
          Add to cart image
          <img class = "a" src="./HTML.jfif" alt="">
          Book Name: Master HTML edition 2000<br/>
Author: Mikhel William<br/>
BryPublication: Perso
n Education
          500 RS/-
          <img src="./cart_image.jpg" alt="">
          <img class = "a" src="./HTML_1.jfif" alt="">
          Book Name: Master HTML edition 2006<br>Author: Mikhel William<br>Publication: Pers
on Education
          999 RS/-
          <img src="./cart_image.jpg" alt="">
```

```
!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Python File</title>
       img {
          height: 100px;
          width: 200px;
          text-align: center;
          margin: auto;
          display: block;
       .a {
          width: 120px;
   <h3>About Css</h3>
   <CSS is designed to enable the separation of presentation and content, including layout, colors,</p>
and fonts.[3] This separation can improve content accessibility, provide more flexibility and control
in the specification of presentation characteristics, enable multiple web pages to share formatting
       The name cascading comes from the specified priority scheme to determine which style rule appl
ies if more than one rule matches a particular element. This cascading priority scheme is predictable.
   <h3>Books Availible with us</h3>
   IMAGE
          Description
          Prise
          Add to cart image
```

<u>Description -> Javascript File</u>

```
!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Python File</title>
        img {
            height: 100px;
            width: 200px;
            text-align: center;
            margin: auto;
            display: block;
        .a {
            width: 120px;
    <h3>About Javascript</h3>
    \ensuremath{\mbox{\scriptsize cp}}\ensuremath{\mbox{\scriptsize The Mozilla project provides two JavaScript implementations.}} The first ever JavaScript was crea
ted by Brendan Eich at Netscape, and has since been updated to conform to ECMA-
262 Edition 5 and later versions. This engine, code named SpiderMonkey, is implemented in C/C++. The R
hino engine, created primarily by Norris Boyd (also at Netscape) is a JavaScript implementation writte
n in Java. Like SpiderMonkey, Rhino is ECMA-262 Edition 5 compliant.
```

Outputs Recorded

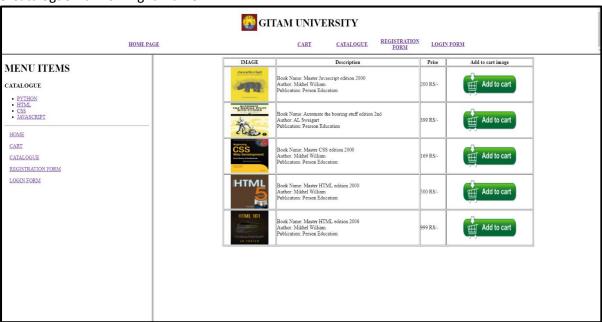
1.Description File (Home.html)



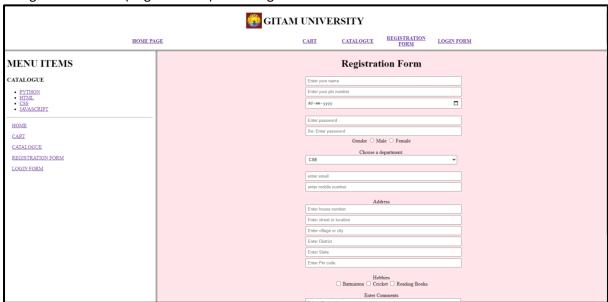
2.CART.HTML on Right Frame

GITAM UNIVERSITY						
HOME PAGE	CA	RT CATALOGUE	REGISTRATION FORM	LOGIN FORM		
MENU ITEMS	Book Name	Quantity	Price	Total		
	Javascript	1	200	200		
CATALOGUE	Python	2	200	400		
• PYTHON • HTML • CSS	HTML	1	250	250		
CSS JAVASCRIPT				Total Amount = 850		
CATALOGUE REGISTRATION FORM LOGIN FORM						

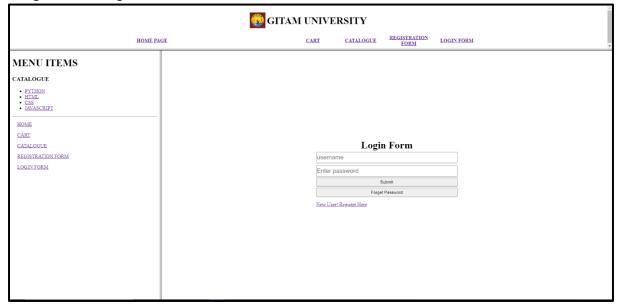
3.Catalogue.Html on Right Frame



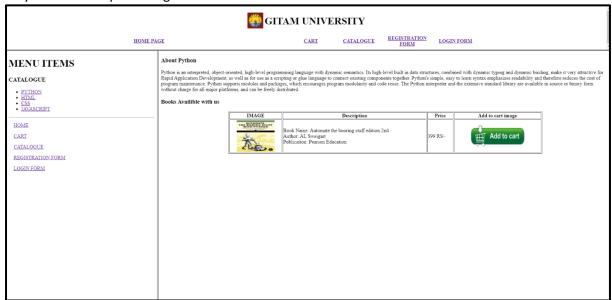
4.Registration From (Register.html) on the right frame



5.Login From on right frame



6. Python Link output on Right Frame



7. HTML link output on Right Frame

About HTML

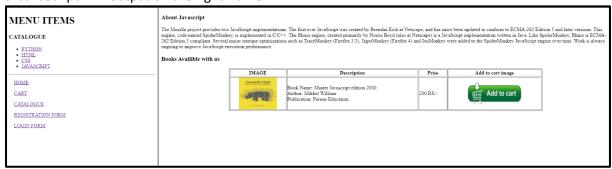
n 1980, physicist Tim Berners-Lee, a contractor at CERN, proposed and prototyped ENQUIRE, a system for CERN researchers to use and share documents. In 1989, Berners-Lee wrote a memo proposing an Internet-based hypertext system [3] Berners-Lee specified HTML and wrote the browser and server software in late 1990. That year, Berners-Lee and CERN data systems engineer Robert Cailliau collaborated on a joint request for funding, but the project was not formally adopted by CERN. In his personal notes[4] from 1990 he listed[3] "some of the many areas in which hypertext is used" and put an encyclopedia first. The first publicly available description of HTML was a document called "HTML Tags", first mentioned on the Internet by Tim Berners-Lee in late 1991. [6][7] It describes 18 elements comprising the mintal, relatively simple design of HTML. Except for the hyperlink tag, these were strongly influenced by SGMLguid, an in-house Standard Generalized Markup Language (SGML)-based documentation format at CERN. Eleven of these elements still exist in HTML 4.[8] HTML is a markup language that web browsers use to interpret and compose text, images, and other material into visual or audible web pages. Default characteristics for every time of HTML markup are defined in the browser, and these characteristics can be altered or enhanced by the web page designer's additional use of CSS. Many of the text elements are found in the 1988 ISO technical report TR 9537 Techniques for using SGML, which in turn covers the features of early text formatting languages such as that used by the RUNOFF command developed in the early 1960s for the CTSS (Compatible Time-Sharing System) operating system: these formatting commands were derived from the commands used by type-setters to manually format documents. However, the SGML concept of generalized markup is based on elements (nested annotated ranges with attributes) rather than merely print effects, with also the separation of structure and markup, HTML has been progressively moved in this direc

IMAGE	Description	Prise	Add to cart image
5	Book Name: Master HTML edition 2000 Author: Mikhel William Publication: Person Education	500 RS/-	Add to cart
The state of the s	Book Name: Master HTML edition 2006 Author: Mikhel William Publication: Person Education	999 RS/-	Add to cart

8. CSS link output on right frame



9. JavaScript Link output on the right frame



THE END