PROGRAM:

```
<!DOCTYPE html>

<html>

<style>

body {

font-family: Arial, sans-serif; background-color: rgb(169, 155, 182);

}

table {

width: 100%;

border-collapse: collapse; border: 2px solid #333; background-color: #fff; color: #333;

}

th, td {

border: 1px solid #ddd; padding: 10px;

text-align: left;

}

th {

background-color: #4CAF50; color: white;

}

</style>

<body>

<CENTER>

<h2>A basic HTML table</h2>

<h4>DONE BY - LAVANYA .V (23352036)</h4>

</CENTER>
```

```
<B><table style="width:100%">

<tr>

<th>TAGS</th>

<th>TAG NAMES</th>

<th>DESCRIPTION</th>

<th>LINKS</th>

</tr>

<tr>

<td>< ! ></td>

<td>COMMENT TAG</td>

<td>This can be viewed in the HTML part of a document</td>

<td><a href="comment.html">click here</a></td>

</tr>

<tr>

<td>< a >< /a></td>

<td>ANCHOR TAG</td>

<td>a href="http://www.domain.com/">

Visit Our Site </td>

<td><a href="a.html">click here</a></td>

</tr>

<tr>

<td>< b >< /b></td>

<td>BOLD TAG</td>

<td>b>Example /b> </td>
```

```
<td><a href="bold.html">click here</a></td>

</tr>

<tr>

<td>< big>< /big ></td>

<td>BIG TAG</td>

<td>big> Example /big> </td>

<td><a href="big.html">click here</a></td>

</tr>

<tr>

<td>< body></td>

<td>BODY TAG</td>

<td>body>The content of

your HTML page /body> </td>

<td><a href="body.html">click here</a></td>

</tr>

<tr>

<td>< br></td>

<td>BREAK TAG</td>

<td>< br>The content of

your HTML page will be split into lines< /br> </td>

<td><a href="br.html">click here</a></td>

</tr>

<tr>

<td>< center>< /center></td>
```

<td>CENTER TAG</td>

<td> center>This will center your contents /center> </td>

<td>click here</td>

</tr>

<tr>

<td>< dd>< /dd></td>

<td>DEFINITION DESCRIPTION TAG</td>

<td> < dl

dt>Definition Term /dt>
 dd>Definition of the term /dd>
 dt>Definition Term /dt>

dd>D </td>

<td>click here</td>

</tr>

<tr>

<td>< dl>< /dl></td>

<td>DEFINITION LIST TAG</td>

<td> < dl>

dt>Definition Term/dt>
 dd>Definition of the term /dd>
 dt>Definition Term /dt>
 dd>Definition of the term /dd>

/dl> </td>

<td>click here</td>

</tr>

<tr>

<td>< dt>< /dt></td>

<td>DEFINITION TERM TAG</td>

```
<td>< dl>

dt>Definition Term /dt><BR> dd>Definition of the term/dd><BR> dt>Definition Term
/dt><BR> dd>Definition of the term /dd><BR>

/dl></td>

<td><a href="dt.html">click here</a></td>

</tr>

<tr>

<td>< em>< /em></td>

<td>EMPHASIS TAG</td>

<td> This is an em>Example /em> of using the emphasis tag</td>

<td><a href="em.html">click here</a></td>

</tr>

<tr>

<td>< embed></td>

<td>EMBED OBJECT</td>

<td> embed src="yourfile.mid" width="100%" height="60" align="center"> </td>

<td><a href="embed.html">click here</a></td>

</tr>

<tr>

<td>< font>< /font></td>

<td>FONT TAG</td>

<td> font face="Times New Roman" size="4">Example /font><BR>

font face="Times New Roman" size="+3" color="#ff0000">Example /font></td>

<td><a href="font.html">click here</a></td>

</tr>
```

<tr>

<td>< form>< /form></td>

<td>FORM TAG</td>

<td> form action="mailto:you@yourdomain.com ">

Name: input name="Name" value="" size="10">

Email: input name="Email" value="" size="10">

center>input type="submit"></center>

/form></td>

<td>click here</td>

</tr>

<tr>

<td>< h1>

< h2>

< h3>

< h4>

< h5>

< h6></td>

<td>HEADING 1

HEADING 2

HEADING 3

HEADING 4

HEADING 5 HEADING 6</td>

<td>Heading 1 Example< /h1> h2>Heading 2 Example< /h2> h3>Heading 3 Example< /h3> h4>Heading 4 Example< /h4> h5>Heading 5 Example< /h5> h6>Heading 6 Example< /h6></td>

```
<td><a href="heading.html">click here</a></td>

</tr>

<tr>

<td>< head>< /head></td>

<td>HEADER TAG</td>

<td> head>Contains elements describing the document /head></td>

<td><a href="head.html">click here</a></td>

</tr>

<tr>

<td>< html>< /html></td>

<td>HYPER TEXT MARKUP LANGUAGE</td>

<td> < html>

< head>

< meta>

< title>Title of your web page</title>

< /head>

< body>HTML web page contents

< /body>

< /html></td>

<td><a href="html.html">click here</a></td>

</tr>

<tr>

<td>< i>< /i></td>

<td>ITALIC TAG</td>
```

```
<td> < i>Example< /i></td>

<td><a href="i.html">click here</a></td>

</tr>

<tr>

<td>< img></td>

<td>IMAGE TAG</td>

<td> img src="Earth.gif" width="41" height="41" border="0" alt="text describing the image" /></td>

<td><a href="image.html">click here</a></td>

</tr>

<td>< input></td>

<td>INPUT FEILD TAG</td>

<td> Example 1:

< form method=post action="/cgibin/ example.cgi">

< input type="text" size="10" maxlength="30">

< input type="Submit" value="Submit">

< /form></td>

<td><a href="input.html">click here</a></td>

</tr>

<tr>

<td>< li></li></td>

<td>LIST TAG</td>

<td> Example 1:

< menu>

< li type="disc">List item 1< /li>
```

```
< li type="circle">List item 2< /li>

< li type="square">List item 3< /li>

< /MENU>

Example 2:

< ol type="i">

< li>List item 1< /li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4< /li>

< /ol></td>

<td><a href="list.html">click here</a></td>

</tr>

<tr>

<td>< link></td>

<td>LINK TAG</td>

<td> < head>

< link rel="stylesheet" type="text/css" href="style.css" />

< /head ></td>

<td><a href="link.html">click here</a></td>

</tr>

<tr>

<td>< marquee></td>

<td>SCROLLING TEXT TAG</td>
```

```html
<td> < marquee bgcolor="#cccccc" loop="-1" scrollamount="2" width="100%">Example Marquee< /marquee>

</td>

<td><a href="marquee.html">click here</a></td>

</tr>

<tr>

<td>< menu></td>

<td>MENU TAG</td>

<td> < menu>

< li type="disc">List item 1< /li>

< li type="circle">List item 2< /li>

< li type="square">List item 3< /li>

< /menu>

</td>

<td><a href="menu.html">click here</a></td>

</tr>

<tr>

<td>< meta></td>

<td>META TAG</td>

<td> < meta name="Description" content="Description of your site">

< meta name="keywords"

content="keywords describing your site"><br>

< meta HTTP-EQUIV="Refresh" CONTENT="4;URL=http://www.yourdomain.c om/">

</td>

<td><a href="meta.html">click here</a></td>
```

```
</tr>

<tr>

<td>< ol>< /ol></td>

<td>ORDERED LIST TAG</td>

<td> Numbered

< ol>

< li>List item 1</li>

< li>List item 2</li>

< li>List item 3</li>

< li>List item 4</li>

< /ol><BR>

Numbered Special Start

< ol start="5">

< li>List item 1</li>

< li>List item 2</li>

< li>List item 3</li>

< li>List item 4</li>

< /ol><BR> Lowercase Letters

< ol type="a">

< li>List item 1</ li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4< /li>

< /ol><BR> Capital Letters
```

```
< ol type="A">

< li>List item 1< /li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4< /li>

< /ol><BR>
```

Capital Letters Special Start

```
< ol type="A" start="3">

< li>List item 1< /li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4< /li>

< /ol><BR>
```

Lowercase Roman Numerals

```
< ol type="i">

< li>List item 1< /li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4< /li>

< /ol><BR>
```

Capital Roman Numerals

```
< ol type="I">

< li>List item 1< /li>

< li>List item 2< /li>
```

< li>List item 3< /li>

< li>List item 4< /li>

< /ol>

Capital Roman Numerals Special Start

< ol type="I" start="7">

< li>List item 1< /li>

< li>List item 2< /li>

< li>List item 3< /li>

< li>List item 4 < /li>

< /ol>
</td>

<td>click here</td>

</tr>

<tr>

<td>< option>< /option></td>

<td>OPTION LIST TAG</td>

<td> < form method=post action="/cgibin/ example.cgi">

< center>

Select an option:

< select>

< option>option 1</option>

< option selected>option 2</option>

< option>option 3</option>

< option>option 4</option>

< option>option 5</option>

< option>option 6</option>

< /select>

< /center>

< /form>

</td>

<td>click here</td>

</tr>

<tr>

<td>< p></td>

<td>PARAGRAPH TAG</td>

<td> This is an example displaying the use of the paragraph tag. < p> This will create a line break and a space between lines.

Attributes:

Example 1:

< p align="left">

This is an example
 displaying the use
 of the paragraph tag.

Example 2:

< p align="right">

This is an example
 displaying the use
 of the paragraph tag.

Example 3:

< p align="center"> This is an example
 displaying the use
 of the paragraph tag.

This is an example

</td>

<td>click here</td>

</tr>

<tr>

<td>< small></td>

<td>SMALL TAG</td>

<td> < small>Example< /small>

</td>

<td>click here</td>

</tr>

<tr>

<td>< strike></td>

<td>STRIKE TAG</td>

<td> < strike>Example< /strike>

</td>

<td>click here</td>

</tr>

<tr>

<td>< strong></td>

<td>STRONG EMPHASIS TAG</td>

<td> < strong>Example< /strong>

</td>

```
<td><a href="strong.html">click here</a></td>

</tr>

<tr>

<td>< table></td>

<td>TABLE TAG</td>

<td>Example 1:

< table border="4" cellpadding="2" cellspacing="2" width="100%">

< tr>

< td>Column 1< /td>

< td>Column 2< /td>

< /tr>

< /table><br>

Example 2: (Internet Explorer)

< table border="2" bordercolor="#336699" cellpadding="2" cellspacing="2" width="100%">

< tr>

< td>Column 1< /td>

< td>Column 2< /td>

< /tr>

< /table><br> Example 3:

< table cellpadding="2" cellspacing="2" width="100%">

< tr>

< td bgcolor="#cccccc">Column 1< /td>

< td bgcolor="#cccccc">Column 2< /td>

< /tr>
```

```html
< tr>

< td>Row 2< /td>

< td>Row 2< /td>

< /tr>

< /table>

< /td>

<td><a href="table.html">click here</a></td>

</tr>

<tr>

<td>< title></td>

<td>DOCUMENT TITLE TAG</td>

<td> < title>Title of your HTML page< /title>

</td>

<td><a href="title.html">click here</a></td>

</tr>

<tr>

<td>< tt></td>

<td> TELETYPE TAG</td>

<td> < tt>Example< /tt>

</td>

<td><a href="teletype.html">click here</a></td>

</tr>

<tr>

<td>< u></td>
```

```html
<td> UNDERLINE TAG</td>

<td> < u>Example< /u>

</td>

<td><a href="underline.html">click here</a></td>

</tr>

<tr>

<td>< ul></td>

<td> UNORDERED LIST TAG</td>

<td> Example 1:<br>

< br>

< ul>

< li>List item 1< /li>

< li>List item 2< /li>

< /ul>

<br>

Example 2:<br>

< ul type="disc">

< li>List item 1< /li>

< li>List item 2< /li>

< ul type="circle">

< li>List item 3< /li>

< li>List item 4< /li>

< /ul>

</td>
```

```html
<td><a href="unorderedlist.html">click here</a></td>

</tr>

</table>

</B>

<p>To understand the example better, we have added borders to the table.</p>

</body>

</html>
```

OUTPUT:

A basic HTML table
DONE BY - LAVANYA .V (23352036)

TAGS	TAG NAMES	DESCRIPTION	LINKS
< ! >	COMMENT TAG	This can be viewed in the HTML part of a document	click here
< a >< /a>	ANCHOR TAG	a href="http://www.domain.com/"> Visit Our Site	click here
< b >< /b>	BOLD TAG	b>Example /b>	click here
< big>< /big >	BIG TAG	big> Example /big>	click here
< body>	BODY TAG	body>The content of your HTML page /body>	click here
< br>	BREAK TAG	< br>The content of your HTML page will be split into lines< /br>	click here
< center>< /center>	CENTER TAG	center>This will center your contents /center>	click here
< dd>< /dd>	DEFINITION DESCRIPTION TAG	< dl dt>Definition Term /dt> dd>Definition of the term /dd> dt>Definition Term /dt> dd>D	click here
< dl>< /dl>	DEFINITION LIST TAG	< dl> dt>Definition Term/dt> dd>Definition of the term /dd> dt>Definition Term /dt> dd>Definition of the term /dd> /dl>	click here
< em>< /em>	EMPHASIS TAG	This is an em>Example /em> of using the emphasis tag	click here
< embed>	EMBED OBJECT	embed src="yourfile.mid" width="100%" height="60" align="center">	click here
< font>< /font>	FONT TAG	font face="Times New Roman" size="4">Example /font> font face="Times New Roman" size="+3" color="#ff0000">Example /font>	click here
< form>< /form>	FORM TAG	form action="mailto:you@yourdomain.com "> Name: input name="Name" value="" size="10"> Email: input name="Email" value="" size="10"> center>input type="submit"> /form>	click here
< h1> < h2> < h3> < h4> < h5> < h6>	HEADING 1 HEADING 2 HEADING 3 HEADING 4 HEADING 5 HEADING 6	Heading 1 Example< /h1> h2>Heading 2 Example< /h2> h3>Heading 3 Example< /h3> h4>Heading 4 Example< /h4> h5>Heading 5 Example< /h5> h6>Heading 6 Example< /h6>	click here
< head>< /head>	HEADER TAG	head>Contains elements describing the document /head>	click here
< html>< /html>	HYPER TEXT MARKUP LANGUAGE	< html> < head> < meta> < title>Title of your web page < /head> < body>HTML web page contents < /body> < /html>	click here
< i>< /i>	ITALIC TAG	< i>Example< /i>	click here
< img>	IMAGE TAG	img src="Earth.gif" width="41" height="41" border="0" alt="text describing the image" />	click here
< input>	INPUT FEILD TAG	Example 1: < form method=post action="/cgibin/ example.cgi> < input type="text" size="10" maxlength="30"> < input type="Submit" value="Submit"> < /form>	click here
< li>	LIST TAG	Example 1: < menu> < li type="disc">List item 1< /li> < li type="circle">List item 2< /li> < li type="square">List item 3< /li> < /MENU> Example 2: < ol type="i"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol>	click here

Tag	Name	Example	Link
< link>	LINK TAG	< head> < link rel="stylesheet" type="text/css" href="style.css" /> < /head >	click here
< marquee >	SCROLLING TEXT TAG	< marquee bgcolor="#cccccc" loop="-1" scrollamount="2" width="100%">Example Marquee< /marquee>	click here
< menu>	MENU TAG	< menu> < li type="disc">List item 1< /li> < li type="circle">List item 2< /li> < li type="square">List item 3< /li> < /menu>	click here
< meta>	META TAG	< meta name="Description" content="Description of your site"> < meta name="keywords" content="keywords describing your site"> < meta HTTP-EQUIV="Refresh" CONTENT="4;URL=http://www.yourdomain.c om/">	click here
< ol>< /ol>	ORDERED LIST TAG	Numbered < ol> < li>List item 1 < li>List item 2 < li>List item 3 < li>List item 4 < /ol> Numbered Special Start < ol start="5"> < li>List item 1 < li>List item 2 < li>List item 3 < li>List item 4 < /ol> Lowercase Letters < ol type="a"> < li>List item 1 < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol> Capital Letters < ol type="A"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol> Capital Letters Special Start < ol type="A" start="3"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol> Lowercase Roman Numerals < ol type="i"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol> Capital Roman Numerals < ol type="I"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4< /li> < /ol> Capital Roman Numerals Special Start < ol type="I" start="7"> < li>List item 1< /li> < li>List item 2< /li> < li>List item 3< /li> < li>List item 4 < /li> < /ol>	click here
< option>< /option>	OPTION LIST TAG	< form method=post action="/cgibin/ example.cgi"> < center> Select an option: < select> < option>option 1 < option selected>option 2 < option>option 3 < option>option 4 < option>option 5 < option>option 6 < /select> < /center> < /form>	click here
< p>	PARAGRAPH TAG	This is an example displaying the use of the paragraph tag. < p> This will create a line break and a space between lines. Attributes: Example 1: < p align="left"> This is an example displaying the use of the paragraph tag. Example 2: < p align="right"> This is an example displaying the use of the paragraph tag. Example 3: < p align="center"> This is an example displaying the use of the paragraph tag. This is an example	click here
< small>	SMALL TAG	< small>Example< /small>	click here
< strike>	STRIKE TAG	< strike>Example< /strike>	click here
< strong>	STRONG EMPHASIS TAG	< strong>Example< /strong>	click here
< table>	TABLE TAG	Example 1: < table border="4" cellpadding="2" cellspacing="2" width="100%"> < tr> < td>Column 1< /td> < td>Column 2< /td> < /tr> < /table> Example 2: (Internet Explorer) < table border="2" bordercolor="#336699" cellpadding="2" cellspacing="2" width="100%"> < tr> < td>Column 1< /td> < td>Column 2< /td> < /tr> < /table> Example 3: < table cellpadding="2" cellspacing="2" width="100%"> < tr> < td bgcolor="#cccccc">Column 1< /td> < td bgcolor="#cccccc">Column 2< /td> < /tr> < tr> < td>Row 2< /td> < td>Row 2< /td> < /tr> < /table> < /td>	click here
< title>	DOCUMENT TITLE TAG	< title>Title of your HTML page< /title>	click here
< tt>	TELETYPE TAG	< tt>Example< /tt>	click here
< u>	UNDERLINE TAG	< u>Example< /u>	click here
< ul>	UNORDERED LIST TAG	Example 1: < br> < ul> < li>List item 1< /li> < li>List item 2< /li> < /ul> Example 2: < ul type="disc"> < li>List item 1< /li> < li>List item 2< /li> < ul type="circle"> < li>List item 3< /li> < li>List item 4< /li> < /ul>	click here

PROGRAM:

1)Home.html:

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Home Page</title>

</head>

<style>

   body {

     background-image: url('WhatsApp Image 2024-07-28 at 11.10.28_8e4822f0.jpg');

      background-size: cover;

      background-position: center;

      background-repeat: no-repeat;

       };

</style>

<div class="home-container">

   <h2>Welcome to Our Online Book Store!</h2>

   <p>Browse our wide range of books and add your favorites to the cart.</p>

    <p>Our passion for books drives us to offer you a curated collection of the finest titles across various genres.<br> Whether you're a fervent reader, a curious explorer, or someone looking for that perfect gift, you'll find something special.

   </p>
```

```html
<p>

    We pride ourselves on creating a welcoming space for book lovers of all ages. From the latest bestsellers to timeless classics, from thrilling adventures to heartwarming tales, our shelves are filled with stories that inspire, educate, and entertain.

</p>

<p>

    Our knowledgeable and friendly staff are always here to help you discover new favorites and provide recommendations tailored to your taste. We also host regular events, including author signings, reading groups, and community gatherings, fostering a vibrant literary community.

</p>

<p>

    Thank you for visiting our Book store page...

</p>

</div>

</html>
```

2) Login.html:

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Login Page</title>

</head>

<body>

    <link rel="stylesheet" href="login style.css">
```

```html
<div class="login-container">

<h2>Login</h2>

  <form action="home.html" method="post">

    <label for="username">Username:</label>

    <input type="text" id="username" name="username" required><br><br>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password" required><br><br>

     <div class="button-container">

      <button type="submit">Submit</button>

      <button type="reset">Reset</button>

     </div>

  </form>

</div>

</body>

</html>
```

3) Catalogue.html:

```html
<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Book Catalogue</title>

</head>
```

```html
<body style="font-family: Arial, sans-serif; background-color: #f0f0f0; padding: 20px;">

    <div style="background-color: #fff; padding: 20px; border-radius: 8px; box-shadow: 0 0 10px rgba(0, 0, 0, 0.1); margin-bottom: 20px;">

        <h2 style="text-align: center; color: #007bff;">Book Catalogue</h2>

        <table style="width: 100%; border-collapse: collapse; margin-top: 20px;">

          <tr style="background-color: #007bff; color: #fff;">

            <th style="padding: 10px;">BOOK</th>

            <th style="padding: 10px;">BOOK TITLE</th>

            <th style="padding: 10px;">AUTHOR</th>

            <th style="padding: 10px;">PUBLISHER</th>

            <th style="padding: 10px;">PRICE</th>

            <th style="padding: 10px;"></th>

          </tr>

          <tr style="background-color: #f9f9f9;">

        <td style="padding: 10px; text-align: center;"><img src="Book img1.jpg" alt="BOOK 1" width="50"></td>

        <td style="padding: 10px; text-align: center;">XML Bible</td>

        <td style="padding: 10px; text-align: center;">Winston</td>

        <td style="padding: 10px; text-align: center;">Wiley</td>

        <td style="padding: 10px; text-align: center;">Rs.3,500/-</td>

         <td style="padding: 10px; text-align: center;"><button style="padding: 5px 10px; background-color: #28a745; color: #fff; border: none; border-radius: 4px;">Add to Cart</button></td>

       </tr>

       <tr style="background-color: #fff;">
```
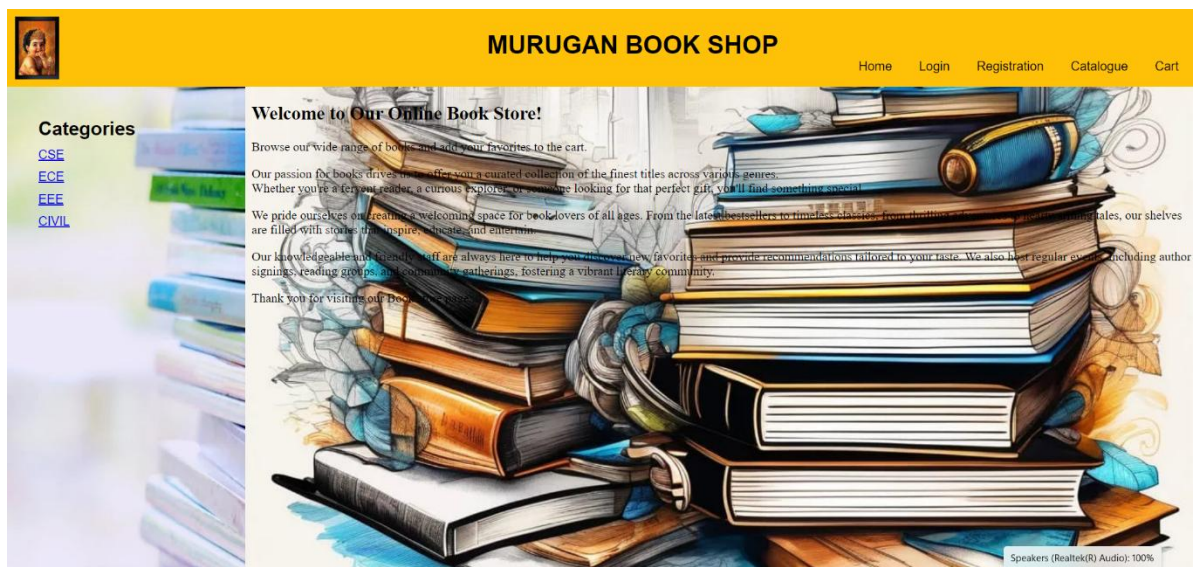
```html
        <td style="padding: 10px; text-align: center;"><img src="Book img2.jpg" alt="BOOK 2" width="50"></td>

      <td style="padding: 10px; text-align: center;">AI Author</td>

      <td style="padding: 10px; text-align: center;">S.Russel</td>

      <td style="padding: 10px; text-align: center;">Princeton hall</td>

      <td style="padding: 10px; text-align: center;">Rs.9,500/-</td>

       <td style="padding: 10px; text-align: center;"><button style="padding: 5px 10px; background-color: #28a745; color: #fff; border: none; border-radius: 4px;">Add to Cart</button></td>

     </tr>

     <tr style="background-color: #f9f9f9;">

        <td style="padding: 10px; text-align: center;"><img src="Book img3.jpg" alt="BOOK 3" width="50"></td>

      <td style="padding: 10px; text-align: center;">JAVA 2</td>

      <td style="padding: 10px; text-align: center;">Waston</td>

      <td style="padding: 10px; text-align: center;">BPB Publication</td>

      <td style="padding: 10px; text-align: center;">Rs.750/-</td>

       <td style="padding: 10px; text-align: center;"><button style="padding: 5px 10px; background-color: #28a745; color: #fff; border: none; border-radius: 4px;">Add to Cart</button></td>

     </tr>

     <tr style="background-color: #f9f9f9;">

        <td style="padding: 10px; text-align: center;"><img src="Book img4.jpeg" alt="BOOK 4" width="50"></td>

      <td style="padding: 10px; text-align: center;">HTML in 24 Hours</td>

      <td style="padding: 10px; text-align: center;">Sam peter</td>
```

```
        <td style="padding: 10px; text-align: center;">Sam Pulication</td>

        <td style="padding: 10px; text-align: center;">Rs.500/-</td>

            <td style="padding: 10px; text-align: center;"><button style="padding: 5px 10px;
background-color: #28a745; color: #fff; border: none; border-radius: 4px;">Add to
Cart</button></td>

        </tr>

    </table>

  </div>

  </body>

  </html>
```

OUTPUT:

1) HOME PAGE:

2) LOGIN PAGE:

3) CATALOGUE PAGE:

PROGRAM:

1) Registration:

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registration Page</title>

</head>

<body>

    <link rel="stylesheet" href="login style.css">

    <div class="registration-container">

<h2>Registration</h2>

<form action="home.html" method="post">

    <label for="fullname">Full Name:</label>

    <input type="text" id="fullname" name="fullname" required>

    <label for="email">Email:</label>

    <input type="email" id="email" name="email" required>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password" required>

    <label for="confirmpassword">Confirm Password:</label>

    <input type="password" id="confirmpassword" name="confirmpassword" required>

    <div class="button-container">
```

```html
        <button type="register">Register</button>

        <button type="reset">Reset</button>

      </div>

    </form>

    </div>

    </body>

    </html>
```

2) Cart:

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Shopping Cart - Bookshop</title>

  <link rel="stylesheet" href="styles.css"> <!-- Link to your CSS file -->

  <style>

    /* Basic styles for the cart page */

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      background-color: #f8f8f8;

    }
```

```css
.container {

    width: 80%;

    margin: auto;

    overflow: hidden;

}

.cart {

    background: #fff;

    padding: 20px;

    margin-top: 20px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

.cart table {

    width: 100%;

    border-collapse: collapse;

}

.cart table th, .cart table td {

    padding: 10px;

    text-align: left;

    border-bottom: 1px solid #ddd;

}

.cart table th {

    background: #f4f4f4;

}
```

```css
    .total {

        text-align: right;

    }

    .total span {

        font-size: 20px;

        font-weight: bold;

    }

    .checkout {

        text-align: right;

        margin-top: 20px;

    }

    .checkout button {

        padding: 10px 20px;

        background: #0779e4;

        border: none;

        color: #fff;

        cursor: pointer;

        text-transform: uppercase;

    }

    .checkout button:hover {

        background: #055ba6;

    }

  </style>

</head>
```

```html
<body>
  <div class="container">
    <div class="cart">
      <h2>Your Shopping Cart</h2>
      <table>
        <thead>
          <tr>
            <th>BOOK</th>
            <th>BOOK TITLE</th>
            <th>AUTHOR</th>
            <th>PRICE</th>
            <th>QUANTITY</th>
            <th>TOTAL</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td><img src="Book img2.jpg" alt="BOOK 2" width="50"></td>
            <td>AI Author </td>
            <td>S.Russel</td>
            <td>Rs.9,500</td>
            <td>2</td>
            <td>Rs.19,000</td>
          </tr>
```

```html
        <tr>

          <td><img src="Book img4.jpeg" alt="BOOK 4" width="50"></td>

          <td>HTML in 24 Hours</td>

          <td>Sam peter</td>

          <td>Rs.500</td>

          <td>2</td>

          <td>Rs.1,000</td>

        </tr>

        <!-- Repeat above <tr> block for each book in the cart -->

      </tbody>

    </table>

    <div class="total">

      <p>Total: <span>Rs.20,000</span></p>

    </div>

    <div class="checkout">

      <button type="button">Proceed to Checkout</button>

    </div>

  </div>

</div>

</body>

</html>
```

OUTPUT:

1) REGISTRATION PAGE:

2) CART PAGE:

PROGRAM:

```javascript
document.querySelector("form").addEventListener("submit", function(event) {

  let isValid = true;

  // Full Name Validation

  const name = document.getElementById("name").value;

  if (name.trim() === "") {

    showError("name", "Name is required");

    isValid = false;

  } else {

    clearError("name");

  }

  // Password Validation

  const password = document.getElementById("password").value;

  if (password.length < 8) {

    showError("password", "Password must be at least 8 characters");

    isValid = false;

  } else {

    clearError("password");

  }

  // Email Validation

  const email = document.getElementById("email").value;

  const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

  if (!emailPattern.test(email)) {

    showError("email", "Invalid email address");
```

```javascript
      isValid = false;

    } else {

      clearError("email");

    }

    // Phone Number Validation

    const phone = document.getElementById("phone").value;

    const phonePattern = /^\d{10}$/; // Adjust pattern as needed

    if (!phonePattern.test(phone)) {

      showError("phone", "Phone number must be 10 digits");

      isValid = false;

    } else {

      clearError("phone");

    }

    // Date of Birth Validation

    const dob = document.getElementById("dob").value;

    if (!dob) {

      showError("dob", "Date of birth is required");

      isValid = false;

    } else {

      clearError("dob");

    }

    // Sex Validation

    const sex = document.getElementById("sex").value;

    if (sex === "") {
```

```javascript
      showError("sex", "Please select your sex");

      isValid = false;

  } else {

      clearError("sex");

  }

  // Language Validation

  const language = document.getElementById("language").value;

  if (language === "") {

      showError("language", "Please select a language");

      isValid = false;

  } else {

      clearError("language");

  }

  // Address Validation

  const address = document.getElementById("address").value;

  if (address.trim() === "") {

      showError("address", "Address is required");

      isValid = false;

  } else {

      clearError("address");

  }

  if (!isValid) {

      event.preventDefault(); // Prevent form submission if validation fails

  }
```

```
});

function showError(fieldId, message) {

    const errorSpan = document.querySelector(#${fieldId} + .error);

    if (errorSpan) errorSpan.textContent = message;

}

function clearError(fieldId) {

    const errorSpan = document.querySelector(#${fieldId} + .error);

    if (errorSpan) errorSpan.textContent = "";

}
```
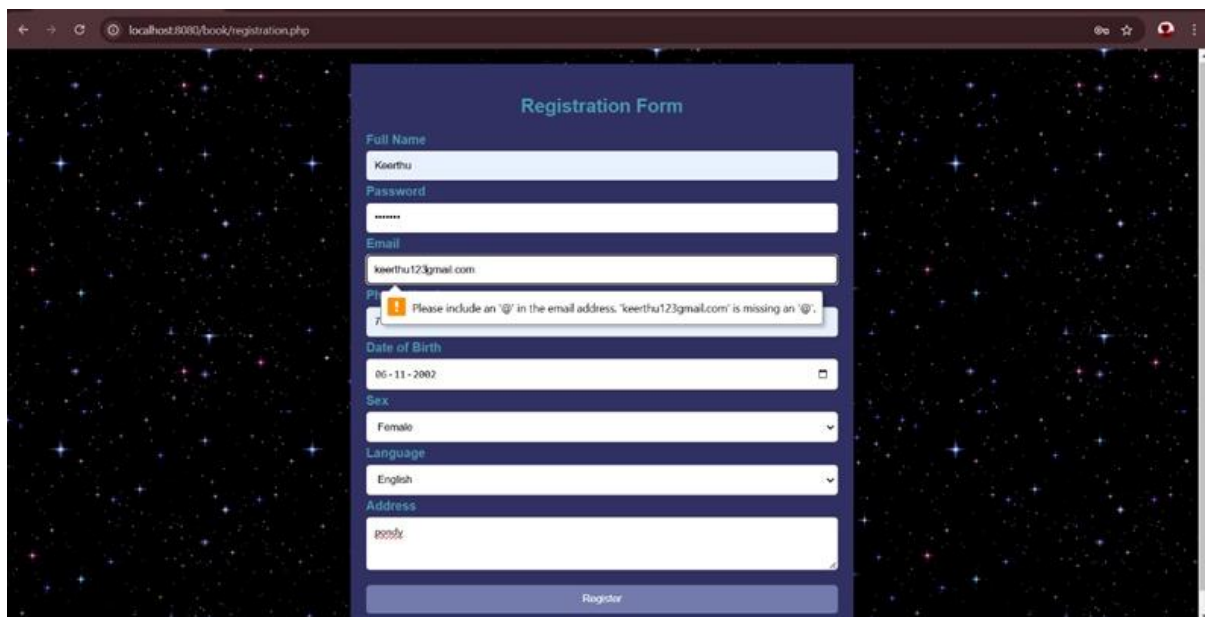
OUTPUT:

PROGRAM:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=<device-width>, initial-scale=1.0">

    <title>Document</title>

    <link rel="stylesheet" href="calstyle.css">

</head>

<body>

    <div id="calculator">

        <input id="display" readonly>

        <div id="keys">

            <button onclick="appendToDisplay('+')" class="operator-btn">+</button>

            <button onclick="appendToDisplay('7')">7</button>

            <button onclick="appendToDisplay('8')">8</button>

            <button onclick="appendToDisplay('9')">9</button>

            <button onclick="appendToDisplay('-')" class="operator-btn">-</button>

            <button onclick="appendToDisplay('4')">4</button>

            <button onclick="appendToDisplay('5')">5</button>

            <button onclick="appendToDisplay('6')">6</button>

            <button onclick="appendToDisplay('*')" class="operator-btn">*</button>

            <button onclick="appendToDisplay('1')">1</button>

            <button onclick="appendToDisplay('2')">2</button>
```

```html
        <button onclick="appendToDisplay('3')">3</button>

        <button onclick="appendToDisplay('/')" class="operator-btn">/</button>

        <button onclick="appendToDisplay('0')">0</button>

        <button onclick="appendToDisplay('.')">.</button>

        <button onclick="calculate()">=</button>

        <button onclick="ClearDisplay()" class="operator-btn">C</button>

    </div>

  </div>

  <script src="main.js"></script>

</body>

</html>
```

```javascript
//CALCULATOR PROGRAM

const display =document.getElementById("display");

function appendToDisplay(input){

   display.value += input;

}function ClearDisplay(){

   display.value ="";

}

function calculate(){

   try{

   display.value = eval(display.value);

   }

   catch(error){

      display.value = "Error";
```

```
    }

}
```

OUTPUT:

PROGRAM:

1) Books.xml:

```xml
<?xml version="1.0" encoding="UTF-8"?>

<?xml-stylesheet type="text/xsl" href="books.xsl"?>

<!DOCTYPE Books SYSTEM "books.dtd">

<Books>

 <book>

   <title>The Art of War</title>

   <author>Sun Tzu</author>

   <isbn>123456789</isbn>

   <publisher>Tales Publishing</publisher>

   <edition>1st</edition>

   <price>$180.00</price>

</book>

<book>

   <title>Don't Believe Everything You Think</title>

   <author>Joseph Nguzen</author>

   <isbn>987654321</isbn>

   <publisher>Tales Publishing</publisher>

   <edition>2nd</edition>

   <price>$110.00</price>

</book>

<book>

   <title>Distributed Systems</title>
```
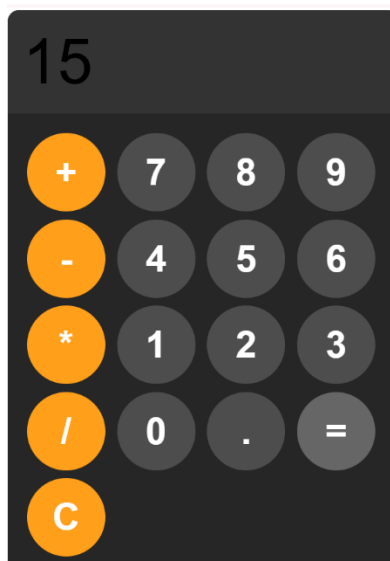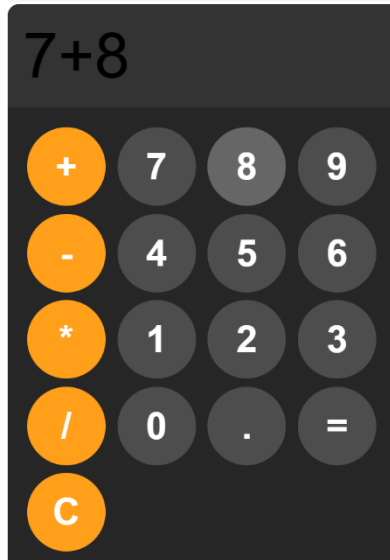
```xml
    <author>Sukumar Gosh</author>

    <isbn>5698423651</isbn>

    <publisher>Engineering Publishing</publisher>

    <edition>1st</edition>

    <price>$85.00</price>

</book>

<book>

    <title>Introduction to C++</title>

    <author>George S. Tselikis</author>

    <isbn>652481597</isbn>

    <publisher>K.V Publishing</publisher>

    <edition>3nd</edition>

    <price>$859.00</price>

</book>

<book>

    <title>Computer fundamentals and Programming in C </title>

    <author>Reema Thareja</author>

    <isbn>235641857</isbn>

    <publisher>Seema Publishing</publisher>

    <edition>1st</edition>

    <price>$990.00</price>

</book>

<book>

    <title>Microelectronics Circuits</title>
```

```xml
    <author>Adel S. Sedra and Kenneth C. Smith</author>

    <isbn>356241895</isbn>

    <publisher>K.V Publishing</publisher>

    <edition>3rd</edition>

    <price>$129.00</price>

</book>

<book>

    <title>Race to Build the Quantum Internet</title>

    <author>Jonathan P. Dowling</author>

    <isbn>452136985</isbn>

    <publisher>Engineering Publishing</publisher>

    <edition>2nd</edition>

    <price>$120.00</price>

</book>

<book>

    <title>Electromagnetic Field Theory for Engineering and Physics</title>

    <author>Gunther Lehner</author>

    <isbn>698532418</isbn>

    <publisher>Seema Publishing</publisher>

    <edition>1st</edition>

    <price>$199.00</price>

</book>

<book>

    <title>Analog Electronics</title>
```

```xml
    <author>Johan H. Huijsing</author>

    <isbn>754126398</isbn>

    <publisher>K.V Publishing</publisher>

    <edition>2nd</edition>

    <price>$179.00</price>

</book>

<book>

    <title>Adaptive Digital Circuits</title>

    <author>Saurabh Jain</author>

    <isbn>235148562</isbn>

    <publisher>Seema Publishing</publisher>

    <edition>3rd</edition>

    <price>$1499.00</price>

</book>

<book>

    <title>Fundamentals of Elecctronics</title>

    <author>Thomas F. Schubert</author>

    <isbn>521364287</isbn>

    <publisher>Engineering Publishing</publisher>

    <edition>2nd</edition>

    <price>$199.00</price>

</book>

<book>

    <title>Fundamentals of Robotic Mechanical Systems</title>
```

```xml
    <author>Jorge Angeles</author>

    <isbn>235148562</isbn>

    <publisher>K.V Publishing</publisher>

    <edition>1st</edition>

    <price>$899.00</price>

</book>

<book>

    <title>Engineering Graphics</title>

    <author>V.P Kumar</author>

    <isbn>756234185</isbn>

    <publisher>Seema Publishing</publisher>

    <edition>3rd</edition>

    <price>$800.00</price>

</book>

<book>

    <title>Fluid Mechanics</title>

    <author>Dr.R.K. Bansal</author>

    <isbn>452369852</isbn>

    <publisher>Engineering Publishing</publisher>

    <edition>2nd</edition>

    <price>$1200.00</price>

</book>

</Books>
```

2)Books.xsl:

```xml
<?xml version="1.0" encoding="UTF-8"?>

<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:output method="html" />

<xsl:template match="/">

<html>

<head>

<title>Book List</title>

<style>

 body {

font-family: Arial, sans-serif;

}

table {

width: 100%;

border-collapse: collapse;

}

 th, td {

padding: 8px;

text-align: left;

border-bottom: 1px solid #ddd;

}

th {

background-color: rgb(54, 50, 50);

color: white;
```

```
        }

        td.author {

        color: blue;

        text-transform: uppercase;

        font-weight: bold;

        }

        </style>

        </head>

            <body>

            <h1>Book List</h1>

            <table border="1">

             <thead style="background-color:grey;">

               <tr>

                 <th>Title</th>

                 <th>Author</th>

                 <th>ISBN</th>

                 <th>Publisher</th>

                 <th>Edition</th>

                 <th>Price</th>

               </tr>

             </thead>

             <tbody>

               <xsl:for-each select="Books/book">

                 <tr>
```

```xml
                    <td><xsl:value-of select="title" /></td>

                    <td class="author"><xsl:value-of select="author" /></td>

                    <td><xsl:value-of select="isbn" /></td>

                    <td><xsl:value-of select="publisher" /></td>

                    <td><xsl:value-of select="edition" /></td>

                    <td><xsl:value-of select="price" /></td>

                 </tr>

              </xsl:for-each>

            </tbody>

          </table>

        </body>

      </html>

    </xsl:template>

</xsl:stylesheet>
```

3) Books.dtd:

```dtd
<!ELEMENT Books (book+)>

<!ELEMENT book (title, author, isbn, publisher, edition, price)>

<!ELEMENT title (#PCDATA)>

<!ELEMENT author (#PCDATA)>

<!ELEMENT isbn (#PCDATA)>

<!ELEMENT publisher (#PCDATA)>

<!ELEMENT edition (#PCDATA)>

<!ELEMENT price (#PCDATA)>
```

OUTPUT:

Book List

Title	Author	ISBN	Publisher	Edition	Price
The Art of War	SUN TZU	123456789	Tales Publishing	1st	$180.00
Don't Believe Everything You Think	JOSEPH NGUZEN	987654321	Tales Publishing	2nd	$110.00
Distributed Systems	SUKUMAR GOSH	5698423651	Engineering Publishing	1st	$85.00
Introduction to C++	GEORGE S. TSELIKIS	652481597	K.V Publishing	3nd	$859.00
Computer fundamentals and Programming in C	REEMA THAREJA	235641857	Seema Publishing	1st	$990.00
Microelectronics Circuits	ADEL S. SEDRA AND KENNETH C. SMITH	356241895	K.V Publishing	3rd	$129.00
Race to Build the Quantum Internet	JONATHAN P. DOWLING	452136985	Engineering Publishing	2nd	$120.00
Electromagnetic Field Theory for Engineering and Physics	GUNTHER LEHNER	698532418	Seema Publishing	1st	$199.00
Analog Electronics	JOHAN H. HUIJSING	754126398	K.V Publishing	2nd	$179.00
Adaptive Digital Circuits	SAURABH JAIN	235148562	Seema Publishing	3rd	$1499.00
Fundamentals of Elecctronics	THOMAS F. SCHUBERT	521364287	Engineering Publishing	2nd	$199.00
Fundamentals of Robotic Mechanical Systems	JORGE ANGELES	235148562	K.V Publishing	1st	$899.00
Engineering Graphics	V.P KUMAR	756234185	Seema Publishing	3rd	$800.00
Fluid Mechanics	DR.R.K. BANSAL	452369852	Engineering Publishing	2nd	$1200.00

OUTPUT:

1)Register.php:

```php
<?php

// Database connection details

$servername = "localhost";

$username = "root";

$password = ""; // Replace with your MySQL password

$dbname = "regdb";

// Create a connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check the connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}

// Check if the form is submitted

if ($_SERVER["REQUEST_METHOD"] == "POST") {

    // Collect form data

    $name = $_POST['name'];

    $password = password_hash($_POST['password'], PASSWORD_DEFAULT); // Hash the password for
security

    $email = $_POST['email'];

    $phone = $_POST['phone'];

    $sex = $_POST['sex'];

    $dob = $_POST['dob'];
```

```php
    $languages = implode(", ", $_POST['languages']);

    $address = $_POST['address'];

    // Prepare an SQL statement to insert the data into the database

    $sql = "INSERT INTO users (name, password, email, phone, sex, dob, languages, address)

        VALUES ('$name', '$password', '$email', '$phone', '$sex', '$dob', '$languages', '$address')";

// Execute the query

    if ($conn->query($sql) === TRUE) {

        echo "Registration successful!";

    } else {

        echo "Error: " . $sql . "<br>" . $conn->error;

    }

    // Close the connection

    $conn->close();

}

?>
```

2)Login.php:

```php
<?php

// Database connection details

$servername = "localhost";

$username = "root";

$password = ""; // Replace with your MySQL password

$dbname = "regdb";

// Create a connection

$conn = new mysqli($servername, $username, $password, $dbname);
```

```php
// Check the connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}

// Check if the form is submitted

if ($_SERVER["REQUEST_METHOD"] == "POST") {

    // Collect form data

    $name = $_POST['name'];

    $password = password_hash($_POST['password'], PASSWORD_DEFAULT); // Hash the password for
security

    $email = $_POST['email'];

    $phone = $_POST['phone'];

    $sex = $_POST['sex'];

    $dob = $_POST['dob'];

    $languages = implode(", ", $_POST['languages']);

    $address = $_POST['address'];

    // Prepare an SQL statement to insert the data into the database

    $sql = "INSERT INTO users (name, password, email, phone, sex, dob, languages, address)

        VALUES ('$name', '$password', '$email', '$phone', '$sex', '$dob', '$languages', '$address')";

    // Execute the query

    if ($conn->query($sql) === TRUE) {

        echo "Registration successful!";

    } else {

        echo "Error: " . $sql . "<br>" . $conn->error;

    }
```

```php
    // Close the connection

    $conn->close();

}

?>
```

OUTPUT:

PROGRAM:

1)db.php:

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "user_sessions";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```

2)Login.php:

```php
<?php
session_start();
include 'db.php';
// Set the correct time zone
date_default_timezone_set('Asia/Kolkata');
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $username = $_POST['username'];
    if (!empty($username)) {
        $_SESSION['user'] = $username;
        $_SESSION['start_time'] = date("Y-m-d H:i:s"); // Set session start time with date and
time
```

```php
        // Log the login time in the database

        $login_time = $_SESSION['start_time'];

        $stmt = $conn->prepare("INSERT INTO session_logs (user, login_time,
last_activity_time) VALUES (?, ?, ?)");

        $stmt->bind_param("sss", $username, $login_time, $login_time);

        $stmt->execute();

        $stmt->close();

        // Redirect to dashboard

        header("Location: dashboard.php");

        exit();

    } else {

        $error_message = "Please enter a username.";

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Login</title>

</head>

<body>

    <h2>Login</h2>

 <?php if (isset($error_message)) echo "<p style='color:red;'>$error_message</p>"; ?>
```

```html
<form method="post" action="">
    <label for="username">Username:</label>
    <input type="text" id="username" name="username" required>
    <button type="submit">Login</button>
</form>
</body>
</html>
```

3)Logout.php:

```php
<?php
session_start();
include 'db.php';
// Set the correct time zone to India Standard Time (IST)
date_default_timezone_set('Asia/Kolkata'); // Set to Indian Standard Time (IST)
if (isset($_SESSION['user'])) {
   $user = $_SESSION['user'];
   $logout_time = date("Y-m-d H:i:s"); // Get the current time in IST
   // Update the logout time in the database
   $stmt = $conn->prepare("UPDATE session_logs SET logout_time = ? WHERE user = ? AND logout_time IS NULL");
   $stmt->bind_param("ss", $logout_time, $user);
   $stmt->execute();
   $stmt->close();
   // Destroy session
   session_unset();
```

```php
    session_destroy();

    // Redirect to login page

    header("Location: login.php");

    exit();

}

?>
```

4)dashboard.php:

```php
<?php

session_start();

include 'db.php';

// Set the correct time zone

date_default_timezone_set('Asia/Kolkata');

// Redirect to login if user is not logged in

if (!isset($_SESSION['user'])) {

    header("Location: login.php");

    exit();

}

$user = $_SESSION['user'];

$start_time = $_SESSION['start_time']; // Session start time set during login

// Update last activity time in the database

$last_activity = date("Y-m-d H:i:s");

$stmt = $conn->prepare("UPDATE session_logs SET last_activity_time = ? WHERE user = ?
AND logout_time IS NULL");

$stmt->bind_param("ss", $last_activity, $user);

$stmt->execute();
```

```php
$stmt->close();

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Dashboard</title>

</head>

<body>

    <h2>Dashboard</h2>

    <p>Welcome, <?php echo htmlspecialchars($user); ?>!</p>

    <p>Session started at: <?php echo htmlspecialchars($start_time); ?></p> <!-- Shows the
fixed session start time -->

    <a href="logout.php">Logout</a>

</body>

</html>
```
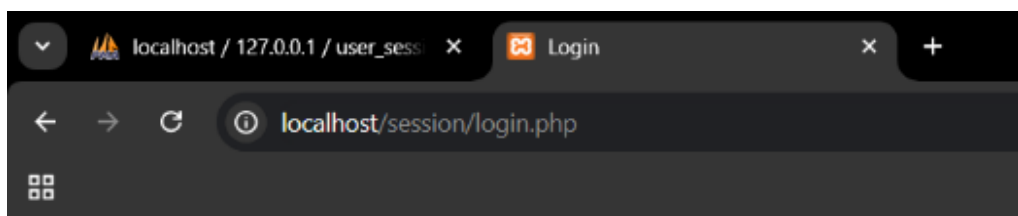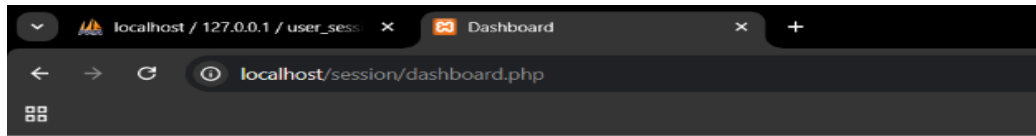
OUTPUT:

1) LOGIN:

2) DASHBOARD:

3) DATABASE: