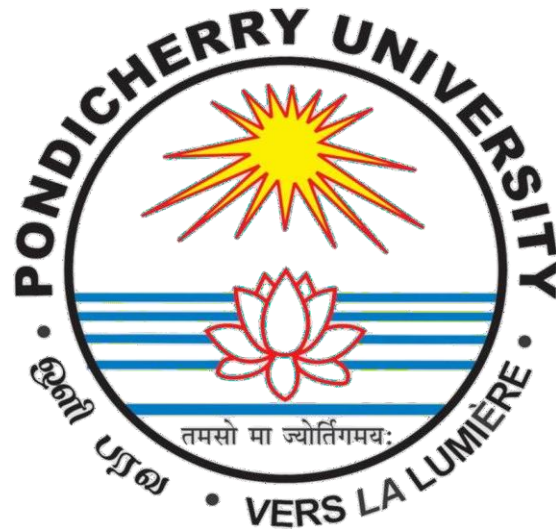


PONDICHERRY UNIVERSITY
(A Central university)

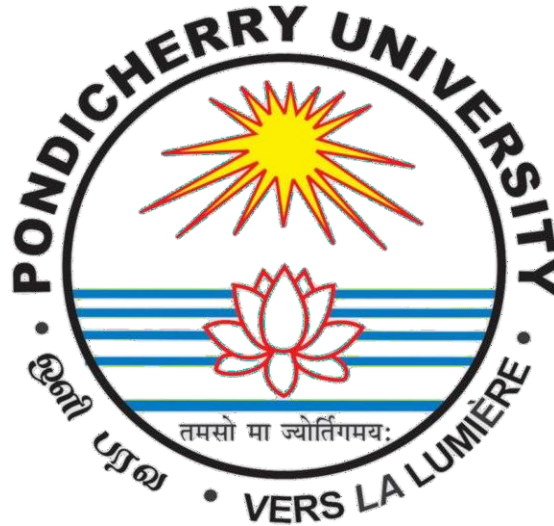


SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE
M.Sc. Computer Science

NAME : Aswanth EK
REG.NO. : 23370009
SEMESTER : 3RD SEMESTER
SUBJECT : CSSC513-WEB TECHNOLOGY AND COMPUTER NETWORKS LAB

PONDICHERRY UNIVERSITY

(A Central University)



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE

M.Sc. Computer Science

PRACTICAL LAB RECORD

BONAFIDE CERTIFICATE

This is to certify that this is a Bonafide record of practical work done by ASWANTH EK
having Reg. No. **23370009** semester - III from the month July 2024
to December 2024

FACULTY IN-CHARGE

SUBMITTED FOR THE PRACTICAL EXAM HELD ON: _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

ONLINEBOOKSTORE

AIM:

To design a webpage for online bookstore

HOMEPAGE

SOURCECODE:

```
<!DOCTYPEhtml>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>HomePage</title>

  <style>

    body{

      font-family:Arial,sans-

        serif;margin:0;

        padding:

          0;display:flex;

          flex-direction:

            column;min-height:

              100vh;background-

                color:#f4f4f4;

    }

    .header{

      background-

        color:#333;color:white;
```

```
padding: 15px; text-align:center;
}
.header img
{height:50px;
}
.header h1
{margin:0;
}
.nav-bar{
margin-top:10px;
}
.nav-bar a
{color:white;
text-decoration:
none;padding: 10px
20px;margin:0 10px;
font-size:16px;
}
.nav-bar a:hover
{background-
color:#444;border-
radius:4px;
}
.content-
wrapper{display
: flex;flex:1;
}
.sidebar{
```

```

        width:200px;
        background-
        color:#eaeaea;padding:20px;
    }
.sidebar a
    {display:
    block;padding:
    10px;margin:10
    px0;
    color:#333;
    text-decoration:
    none;background-
    color:white;border-
    radius:4px;
    }
.sidebar a:hover
    {background-color:#bbb;
    }
.main-content
    {flex:
    1;padding:20p
    x;
    background-color:#fff;
    }</style>
</head>
<body>
    <divclass="header">
        <imgsrc="logo.png"alt="Logo"><!--Replacewithyourlogo--><br><br>
        <h1>ONLINEBOOKSTORE</h1><br>
        <divclass="nav-bar">

```

`<ahref="homepage.html"target="main-content">Home`

```
<a href="login.html" target="main-content">Login</a>
<a href="registration.html" target="main-content">Registration</a>
<a href="catalogue.html" target="main-content">Catalogue</a>
<a href="cart.html" target="main-content">Cart</a>
</div>
</div>
<div class="content-wrapper">
  <div class="sidebar">
    <a href="cse_catalogue.html">CSE</a>
    <a href="ece_catalogue.html">ECE</a>
    <a href="eee_catalogue.html">EEE</a>
    <a href="civil_catalogue.html">CIVIL</a>
  </div>
  <div class="main-content" id="main-content">
    <h2 style="font-size:20px;">Welcome to the Online Bookstore</h2><br><br>
    <p style="font-size: 30px;">Here you can find various books from
different departments like CSE, ECE, EEE, and CIVIL.<br>Select a department from the left menu to view the catalogue of books available for that department.</p>
  </div>
</div>
</body>
</html>
```

OUTPUT:

Logo

ONLINE BOOK STORE

HomeLoginRegistrationCatalogueCart

CSE

ECE

EEE

CIVIL

Welcome to the Online Bookstore

Here you can find various books from different departments like CSE, ECE, EEE, and CIVIL. Select a department from the left menu to view the catalogue of books available for that department.

LOGINPAGE

SOURCECODE:-

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metaname="viewport"content="width=device-width,initial-scale=1.0">
  <title>LoginPage</title>
  <style>
    body{
      font-family:Arial,sans-
        serif;margin:0;
        padding:0;
        background-
          color:#f4f4f4;display:flex;
          flex-
            direction:column;min-
              height:100vh;
        }
    .header{
      background-
        color:#333;color:white;
        padding:
          15px;text-
            align:center;
        }
    .headerimg{
```

```
        height:50px;
    }
    .header h1
    {margin:0;
    }
    .nav-bar{
        margin-top:10px;
    }
    .nav-bar a
    {color:white;
    text-decoration:
    none;padding: 10px
    20px;margin:0 10px;
    font-size:16px;
    }
    .nav-bar a:hover
    {background-
    color:#444;border-
    radius:4px;
    }
    .content-
    wrapper{ display
    : flex;flex:1;
    }
    .sidebar{ width:2
    00px;
    background-
    color:#eaeaea;padding:20px;
    height:100vh;/*Makesidebarfullheight*/
```

```
        box-sizing: border-box;
    }
.sidebar a
    { display:
    block; padding:
    10px; margin: 10
    px 0;
    color: #333;
    text-decoration:
    none; background-color:
    #ffffff; border-radius: 4px;
    }
.sidebar a: hover
    { background-color: #bbb;
    }
.login-form { flex:
    1; padding: 20p
    x;
    background-
    color: #fff; border-
    radius: 4px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
.login-form h2
    { margin-
    top: 0;
    }
.login-form label
    { display:
    block; margin: 10px
```

05px;font-
size:14px;

```
        color:#333;
    }
    .login-form input[type="text"],
    .login-form input[type="password"]
        { width:100%;
        padding:
        10px;margin: 5px 0
        15px;border:1px solid#
        ccc;border-radius:4px;
    }
    .login-form button
        { padding:10px20px;
        background-
        color:#4CAF50;color:white;
        border:
        none;border-
        radius:4px;cursor:p
        ointer;
    }
    .login-form button:hover
        {background-color:#45a049;
    }
    .login-form input[type="reset"]
        {padding: 10px
        20px;background-color:
        #f44336;color:white;
        border:
        none;border-
        radius:4px;cursor:p
        ointer;
```

```

    }

    .login-form input[type="reset"]:hover
    { background-color:#e53935;
    }
</style>
</head>
<body>
  <divclass="header">
    <imgsrc="logo.png"alt="Logo">br><br>
    <h1>ONLINEBOOKSTORE</h1><BR>
    <divclass="nav-bar">
      <a href="homepage.html" target="main-content">Home</a>
      <a href="login.html" target="main-content">Login</a>
      <a href="registration.html" target="main-content">Registration</a>
      <a href="catalogue.html" target="main-content">Catalogue</a>
      <a href="cart.html" target="main-content">Cart</a>
    </div>
  </div>
  <div class="content-wrapper">
    <divclass="sidebar">
      <a href="cse_catalogue.html">CSE</a>
      <a href="ece_catalogue.html">ECE</a>
      <a href="eee_catalogue.html">EEE</a>
      <a href="civil_catalogue.html">CIVIL</a>
    </div>
    <divclass="login-form">
      <h2>Login</h2><br>
      <formaction="login_process.html" method="POST">

```

```

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

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

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

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

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

<input type="reset" value="Reset">

</form>

</div>

</div>

</body>

</html>

```

OUTPUT:-

The screenshot shows a web application for an online book store. The header is dark with the title 'ONLINE BOOK STORE' and navigation links: Home, Login, Registration, Catalogue, and Cart. A sidebar on the left lists categories: CSE, ECE, EEE, and CIVIL. The main content area is titled 'Login' and contains two input fields for 'Username:' and 'Password:'. Below these fields are two buttons: 'Submit' (green) and 'Reset' (red).

REGISTRATIONPAGE

SOURCECODE:-

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metaname="viewport"content="width=device-width,initial-scale=1.0">
  <title>RegistrationForm</title>
  <style>
    body{
      font-family:Arial,sans-
      serif;margin:0;
      padding:0;
      background-color:#f4f4f4;
    }
    .container{
      max-width:
      600px;margin: 50px
      auto;background-
      color:white;padding:20px
      ;
      border-radius:8px;
      box-shadow:0010pxrgba(0,0,0,0.1);
    }
    h2{
```



```
text-align: center;
color:#333;
}
label{
    display:
    block;margin-top:
    10px;color:#333;
}
input[type="text"],input[type="password"],input[type="email"],textarea,select
{
    width:100%;padding:
    10px;margin-top:
    5px;margin-bottom:
    15px;border:1pxsolid#
    ccc;border-radius:4px;
}
input[type="radio"],input[type="checkbox"]{ ma
    rgin-right:10px;
}
.button{
    background-
    color:#4CAF50;color:white;
    padding:12px20px;b
    order: none;border-
    radius:4px;cursor:
    pointer;width:100%
    ;
}
```

```
.button:hover{
    background-color:#45a049;
}

.form-group{
    margin-bottom:15px;
}

</style>
</head>
<body>
<divclass="container">
    <h2>RegistrationForm</h2>
    <formaction="#"method="POST">
        <divclass="form-group">
            <labelfor="name">Name</label>
            <inputtype="text" id="name" name="name" required>
        </div>
        <divclass="form-group">
            <labelfor="password">Password</label>
            <inputtype="password" id="password" name="password" required>
        </div>
        <divclass="form-group">
            <labelfor="email">E-mailID</label>
            <inputtype="email" id="email" name="email" required>
        </div>
        <divclass="form-group">
            <labelfor="phone">PhoneNumber</label>
            <inputtype="text" id="phone" name="phone" required>
        </div>
        <divclass="form-group">
```

```
<label>Sex</label>
<input type="radio" id="male" name="sex" value="Male" required>
<label for="male">Male</label>
<input type="radio" id="female" name="sex" value="Female">
<label for="female">Female</label>
<input type="radio" id="other" name="sex" value="Other">
<label for="other">Other</label>
</div>
<div class="form-group">
  <label for="dob">Date of Birth</label>
  <select id="day" name="day" required>
    <option value="">Day</option>
    <option value="1">1</option>
    <option value="2">2</option>
    <option value="3">3</option>
    <!--Add all days upto 31-->
  </select>
  <select id="month" name="month" required>
    <option value="">Month</option>
    <option value="1">January</option>
    <option value="2">February</option>
    <option value="3">March</option>
  </select>
  <select id="year" name="year" required>
    <option value="">Year</option>
    <!--Add years-->
    <option value="2000">2000</option>
    <option value="1999">1999</option>
  </select>
```

```
</div>
<divclass="form-group">
  <label>LanguagesKnown</label>
  <inputtype="checkbox"id="english"name="languages"value="English">
  <labelfor="english">English</label>
  <inputtype="checkbox"id="telugu"name="languages"value="Telugu">
  <labelfor="telugu">Telugu</label>
  <inputtype="checkbox"id="hindi"name="languages"value="Hindi">
  <labelfor="hindi">Hindi</label>
  <inputtype="checkbox"id="tamil"name="languages"value="Tamil">
  <labelfor="tamil">Tamil</label>
</div>
<divclass="form-group">
  <labelfor="address">Address</label>
  <textareaid="address"name="address"rows="4"required></textarea>
</div>
<buttontype="submit"class="button">Register</button>
</form>
</div>
</body>
</html>
```

OUTPUT:-

Registration Form

Name

Password

E-mail ID

Phone Number

Sex

☐

Male

☐

Female

☐

Other

☐

Date of Birth

Day

Month

Year

Languages Known

☐

English

☐

Telugu

☐

Hindi

☐

Tamil

☐

Address

Register

CATALOGUE PAGE

SOURCECODE:

```
<!DOCTYPEhtml>

<htmllang="en">

<head>

  <metacharset="UTF-8">

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

  <title>CataloguePage</title>

  <style>

    body{

      font-family:Arial,sans-

        serif;margin:0;

        padding:0;

        background-color:#f4f4f4;

    }

    .header{

      background-

        color:#333;color:white;

        padding:

          15px;text-

            align:center;

    }

    .headerimg{

      height:50px;/* Adjustaccordingtoyourlogosize*/

    }

    .header h1

      {margin:0;

    }

  }
```

```
.nav-bar{
  margin-top:10px;
}
.nav-bar a
{color:white;
text-decoration:
none;padding: 10px
20px;margin:010px;
font-size:16px;
}
.nav-bar a:hover
{background-
color:#444;border-
radius:4px;
}
.content-
wrapper{ display:
flex;padding:20p
x;
}
.sidebar{ width:2
00px;
background-
color:#eaeaea;padding:20px;
height:100vh;
box-sizing:border-box;
}
.sidebar a
{ display:
block;padding:
10px;margin:10
```

px0;


```
    color:#333;
    text-decoration:
    none;background-color:
    #ffffff;border-radius:4px;
}
.sidebar a:hover
    {background-color:#bbb;
}
.catalogue{flex:
    1;
    padding:
    20px;background-
    color:#fff;border-
    radius:4px;
    box-shadow:0 0 10px rgba(0,0,0,0.1);
}
.catalogue h2
    {margin-
    top:0;
}
table{
    width:100%;
    border-collapse:
    collapse;margin-
    top:20px;
}
table,th,td{
    border:1px solid #ddd;
}
th,td{
    padding:
```

10px;text-
align:left;

```

    }
    th{
        background-color:#f2f2f2;
    }
    .book-img{ width:
        100px;height:
        150px;object-
        fit:cover;
    }
    .add-to-cart{
        background-
        color:#4CAF50;color:white;
        border:
        none;padding:8px1
        6px;cursor:
        pointer;border-
        radius:4px;
    }
</style>
</head>
<body>
    <divclass="header">
        <imgsrc="logo.png"alt="Logo"><br><br>
        <h1>ONLINEBOOKSTORE</h1><br>
        <divclass="nav-bar">
            <a href="homepage.html">Home</a>
            <a href="login.html">Login</a>
            <a href="registration.html">Registration</a>
            <a href="catalogue.html">Catalogue</a>
            <a href="cart.html">Cart</a>

```

</div>

</div>

<div class="content-wrapper">

<div class="sidebar">

CSE

ECE

EEE

CIVIL

</div>

<div class="catalogue">

<h2>BooksCatalogue</h2>

<table>

<thead>

<tr>

<th>Book</th>

<th>Author</th>

<th>Publisher</th>

<th>Price</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>

<p>XMLBible</p>

</td>

<td>Winston</td>

<td>Wiley</td>

<td>Rs40.5</td>

```

        <td><buttonclass="add-to-cart">AddtoCart</button></td>
</tr>
<tr>
    <td>
        <p>AI</p>
    </td>
    <td>S.Russell</td>
    <td>PrincetonHall</td>
    <td>Rs63</td>
    <td><buttonclass="add-to-cart">AddtoCart</button></td>
</tr>
<tr>
    <td>
        <p>Java2</p>
    </td>
    <td>Watson</td>
    <td>BPBPublications</td>
    <td>Rs35.5</td>
    <td><buttonclass="add-to-cart">AddtoCart</button></td>
</tr>
<tr>
    <td>
        <p>HTMLin24Hours</p>
    </td>
    <td>SamPeter</td>
    <td>SamPublications</td>
    <td>Rs50</td>
    <td><buttonclass="add-to-cart">AddtoCart</button></td>
</tr>

```

```
        </tbody>
    </table>
</div>
</div>
</body>
</html>
```

OUTPUT:-

Logo

ONLINE BOOK STORE

HomeLoginRegistrationCatalogueCart

CSE
ECE
EEE
CIVIL

Books Catalogue

Book	Author	Publisher	Price	Action
XML Bible	Winston	Wiley	Rs 40.5	Add to Cart
AI	S. Russell	Princeton Hall	Rs 63	Add to Cart
Java 2	Watson	BPB Publications	Rs 35.5	Add to Cart
HTML in 24 Hours	Sam Peter	Sam Publications	Rs 50	Add to Cart

CARTPAGE

SOURCECODE:

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metaname="viewport"content="width=device-width,initial-scale=1.0">
  <title>CartPage</title>
  <style>
    body{
      font-family:Arial,sans-
      serif;margin:0;
      padding:0;
      background-color:#f4f4f4;
    }
    .header{
      background-
      color:#333;;color:white;
      padding:10px20px;te
      xt-align:center;
    }
    .nav{
      text-align:
      center;margin-
      top:10px;
      background-
      color:#fffafa;padding:10px;
```

```
}  
.nava{  
    color: rgb(0, 0,  
    0);text-decoration:  
    none;margin:020px;  
}  
.container  
    {margin:20px;  
}  
table{  
    width:100%;  
    border-collapse:  
    collapse;margin-  
    top:20px;  
}  
table,th,td{  
    border:1pxsolid#ccc;  
}  
th,td{  
    padding:  
    12px;text-  
    align:left;  
}  
th{  
    background-color:#f2f2f2;  
}  
.total{  
    margin-top:  
    20px;text-align:  
    right;font-size:  
    18px;font-
```


weight:bold;

```
    }
</style>
</head>
<body>

    <divclass="header">
        <imgsrc="logo.png"alt="Logo"height="50"><!--Replacewithyourlogo-->
        <h1>ONLINEBOOKSTORE</h1>
    </div>
<divclass="nav">
    <a href="home.html">Home</a>
    <a href="login.html">Login</a>
    <a href="registration.html">Registration</a>
    <a href="catalogue.html">Catalogue</a>
    <a href="cart.html">Cart</a>
</div>
<divclass="container">
    <h2>YourCart</h2>
    <table>
        <thead>
            <tr>
                <th>BookName</th>
                <th>Price</th>
                <th>Quantity</th>
                <th>Amount</th>
            </tr>
        </thead>
        <tbody>
            <tr>
```

```
        <td>CSEJava</td>
        <td>$35.5</td>
        <td>2</td>
        <td>$70</td>
    </tr>
    <tr>
        <td>ECEXMLBible</td>
        <td>$40.5</td>
        <td>1</td>
        <td>$40.5</td>
    </tr>
</tbody>
</table>
<divclass="total">
    <p>TotalAmount:$110.5</p>
</div>
</div>
</body>
</html>
```

OUTPUT:-

Logo			
ONLINE BOOK STORE			
Home Login Registration Catalogue Cart			
Your Cart			
Book Name	Price	Quantity	Amount
CSE Java	\$35.5	2	\$70
ECE XML Bible	\$40.5	1	\$40.5
			Total Amount: \$110.5