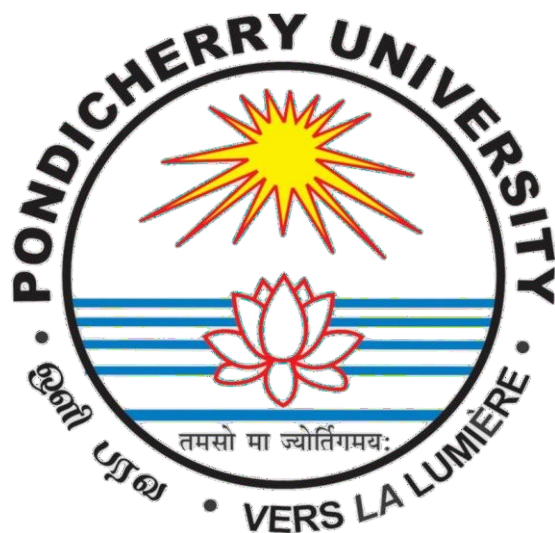


PONDICHERRY UNIVERSITY

(A Central university)



SCHOOL OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE

M.Sc. Computer Science

NAME	:	D A GURUPRIYAN
REG. NO.	:	20384111
SEMESTER	:	9 TH SEMESTER
SUBJECT	:	CSSC 513 - 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 **D A GURUPRIYAN**, having Reg. No. **20384111** semester - IX from the month July 2024 to December 2024

FACULTY IN-CHARGE

SUBMITTED FOR THE PRACTICAL EXAM HELD ON: _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

ONLINE BOOK STORE

AIM:

To design a web page for online book store

HOME PAGE

SOURCE CODE:

```
<!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>

  <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: 10px 0;
    color: #333;
    text-decoration: none;
    background-color: white;
    border-radius: 4px;
}

.sidebar a:hover {
    background-color: #bbb;
}

.main-content {
    flex: 1;
    padding:
    20px;
    background-color: #fff;
} </style>
</head>
<body>
<div class="header">
     <!-- Replace with your logo --><br><br>
    <h1>ONLINE BOOK STORE</h1><br>
    <div class="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">
  <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:

Welcome to the Online Bookstore

[Register](#) [Logout](#) [Departments](#)

Your One-Stop Shop for Books

Find books across various genres, from fiction to science, and more!

The Great Gatsby

Author: F. Scott Fitzgerald

Price: \$10.99

Add to Cart

To Kill a Mockingbird

Author: Harper Lee

Price: \$8.99

Add to Cart

1984

Author: George Orwell

Price: \$6.99

Add to Cart

Pride and Prejudice

Author: Jane Austen

Price: \$12.99

Add to Cart

Departments

Fiction

Explore an array of novels and stories that ignite the imagination.

Science

Dive into books on physics, chemistry, biology, and more.

Technology

Stay updated with the latest in programming, AI, and technology trends.

History

Learn about past events and historical figures that shaped the world.

Children's Books

A selection of books to delight and educate young minds.

© 2024 Online Bookstore. All rights reserved.

LOGIN PAGE

SOURCE CODE : -

```
<!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>
  <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;
    }
    .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;
        height: 100vh; /* Make sidebar full height */
    }
```

```
        box-sizing: border-box;
    }
    .sidebar a {
        display: block;
        padding: 10px;
        margin: 10px 0;
        color: #333;
        text-decoration: none;
        background-color: #ffffff;
        border-radius: 4px;
    }
    .sidebar a:hover {
        background-color: #bbb;
    }
    .login-form {
        flex: 1;
        padding:
        20px;
        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 0 5px;
        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: 10px 20px;
        background-color: #4CAF50;
        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
    .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: pointer;
```

```
}

.login-form input[type="reset"]:hover
{ background-color: #e53935;
}

</style>
</head>
<body>
<div class="header">
   br<br>
  <h1>ONLINE BOOK STORE</h1><BR>
  <div class="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">
  <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="login-form">
    <h2>Login</h2><br>
    <form action="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 displays a web application for an online book store. The header is dark gray with the text 'ONLINE BOOK STORE' in white. Navigation links include 'Home', 'Login' (highlighted), 'Registration', 'Catalogue', and 'Cart'. A sidebar on the left lists book categories: 'CSE', 'ECE', 'EEE', and 'CIVIL'. The main content area is titled 'Login' and features two input fields: 'Username:' and 'Password:'. Below these fields are two buttons: a green 'Submit' button and a red 'Reset' button.

REGISTRATION PAGE

SOURCE CODE :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Form</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: 0 0 10px rgba(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: 1px solid
    #ccc; border-radius:
    4px;
}
input[type="radio"], input[type="checkbox"] {
    margin-right: 10px;
}
.button {
    background-color: #4CAF50;
    color: white;
    padding: 12px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    width: 100%;
}
```

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

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

</style>
</head>
<body>
<div class="container">
    <h2>Registration Form</h2>
    <form action="#" method="POST">
        <div class="form-group">
            <label for="name">Name</label>
            <input type="text" id="name" name="name" required>
        </div>
        <div class="form-group">
            <label for="password">Password</label>
            <input type="password" id="password" name="password" required>
        </div>
        <div class="form-group">
            <label for="email">E-mail ID</label>
            <input type="email" id="email" name="email" required>
        </div>
        <div class="form-group">
            <label for="phone">Phone Number</label>
            <input type="text" id="phone" name="phone" required>
        </div>
        <div class="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 up to 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>

<div class="form-group">

<label>Languages Known</label>

<input type="checkbox" id="english" name="languages" value="English">

<label for="english">English</label>

<input type="checkbox" id="telugu" name="languages" value="Telugu">

<label for="telugu">Telugu</label>

<input type="checkbox" id="hindi" name="languages" value="Hindi">

<label for="hindi">Hindi</label>

<input type="checkbox" id="tamil" name="languages" value="Tamil">

<label for="tamil">Tamil</label>

</div>

<div class="form-group">

<label for="address">Address</label>

<textarea id="address" name="address" rows="4" required></textarea>

</div>

<button type="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

SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Catalogue Page</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;

    }

    .header img {

      height: 50px; /* Adjust according to your logo size */

    }

    .header h1 {

      margin: 0;

    }

  </style>

</head>

<body>

  <div class="header">

    <img alt="Logo" data-bbox="100 100 200 200" />

    <h1>Catalogue</h1>

  </div>

  <div class="content">

    <div class="row">

      <div class="col">

        <div class="card">

          <img alt="Product Image" data-bbox="100 300 200 400" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

        <div class="card">

          <img alt="Product Image" data-bbox="100 450 200 550" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

      </div>

      <div class="col">

        <div class="card">

          <img alt="Product Image" data-bbox="100 600 200 700" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

        <div class="card">

          <img alt="Product Image" data-bbox="100 750 200 850" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

      </div>

    </div>

  </div>

  <div class="footer">

    <p>Footer Content</p>

  </div>

</body>

</html>
```

```
.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;  
  padding: 20px;  
}  
  
.sidebar {  
  width: 200px;  
  background-color: #eaeaea;  
  padding: 20px;  
  height: 100vh;  
  box-sizing: border-box;  
}  
  
.sidebar a {  
  display: block;  
  padding: 10px;  
  margin: 10px 0;
```

```
    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: 8px 16px;  
    cursor: pointer;  
    border-radius:  
    4px;  
}  
</style>
```

```
</head>
```

```
<body>
```

```
<div class="header">
```

```
 <br><br>
```

```
<h1>ONLINE BOOK STORE</h1><br>
```

```
<div class="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>Books Catalogue</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>XML Bible</p>

</td>

<td>Winston</td>

<td>Wiley</td>

<td>Rs 40.5</td>


```
<td><button class="add-to-cart">Add to Cart</button></td>
</tr>
<tr>
  <td>
    <p>AI</p>
  </td>
  <td>S. Russell</td>
  <td>Princeton Hall</td>
  <td>Rs 63</td>
  <td><button class="add-to-cart">Add to Cart</button></td>
</tr>
<tr>
  <td>
    <p>Java 2</p>
  </td>
  <td>Watson</td>
  <td>BPB Publications</td>
  <td>Rs 35.5</td>
  <td><button class="add-to-cart">Add to Cart</button></td>
</tr>
<tr>
  <td>
    <p>HTML in 24 Hours</p>
  </td>
  <td>Sam Peter</td>
  <td>Sam Publications</td>
  <td>Rs 50</td>
  <td><button class="add-to-cart">Add to Cart</button></td>
</tr>
```

```

        </tbody>
    </table>

</div>

</div>

</body>

</html>

```

OUTPUT : -

Logo

ONLINE BOOK STORE

[Home](#)
[Login](#)
[Registration](#)
[Catalogue](#)
[Cart](#)

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

CART PAGE

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Cart Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
    }
    .header {
      background-color: #333;
      color: white;
      padding: 10px 20px;
      text-align: center;
    }
    .nav {
      text-align: center;
      margin-top:
10px;
      background-color: #fffafa;
      padding: 10px;
```

```
}  
  
.nav a {  
    color: rgb(0, 0, 0);  
    text-decoration: none;  
    margin: 0 20px;  
}  
  
.container {  
    margin: 20px;  
}  
  
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 20px;  
}  
  
table, th, td {  
    border: 1px solid #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>

    <div class="header">
         <!-- Replace with your logo -->
        <h1>ONLINE BOOK STORE</h1>
    </div>
    <div class="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>
    <div class="container">
        <h2>Your Cart</h2>
        <table>
            <thead>
                <tr>
                    <th>Book Name</th>
                    <th>Price</th>
                    <th>Quantity</th>
                    <th>Amount</th>
                </tr>
            </thead>
            <tbody>
                <tr>
```

```
        <td>CSE Java</td>
        <td>$35.5</td>
        <td>2</td>
        <td>$70</td>
    </tr>
    <tr>
        <td>ECE XML Bible</td>
        <td>$40.5</td>
        <td>1</td>
        <td>$40.5</td>
    </tr>
</tbody>
</table>
<div class="total">
    <p>Total Amount: $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