PONDICHERRY UNIVERSITY

(A Central university)

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE

M.Sc. Computer Science

NAME   :   MARIYA VENUS

REG. NO.   :   23370033

SEMESTER   :   3RD SEMESTER

SUBJECT   :   CSSC 513 - WEB TECHNOLOGY AND COMPUTER NETWORKS LAB

PONDICHERRY UNIVERSITY

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DEPARTMENT OF COMPUTER SCIENCE

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PRACTICAL LAB RECORD

<u>BONAFIDE CERTIFICATE</u>

This is to certify that this is a Bonafide record of practical work done by **MARIYA VENUS**, havingReg. No. **23370033** semester - III 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:

```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>
    <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;
```

```css
      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">

        <img src="logo.png" alt="Logo"> <!-- 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>
```

```html
        <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

Home   Login   Registration   Catalogue   Cart

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.

LOGIN PAGE

SOURCE CODE : -

```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>
    <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 {
```

```css
      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 */
```

```css
    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;
```

```css
      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">

      <img src="logo.png" alt="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="login-form">

         <h2>Login</h2><br>

         <form action="login_process.html" method="POST">
```

```html
            <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 :-

REGISTRATION PAGE

SOURCE CODE :-

```html
<!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 {
```

```css
      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">
```

```html
        <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>
```

```html
        </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:

```html
<!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;
    }
```

```css
.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;
```

```css
      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">
        <img src="logo.png" alt="Logo"> <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>
```

```html
        </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="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>
```

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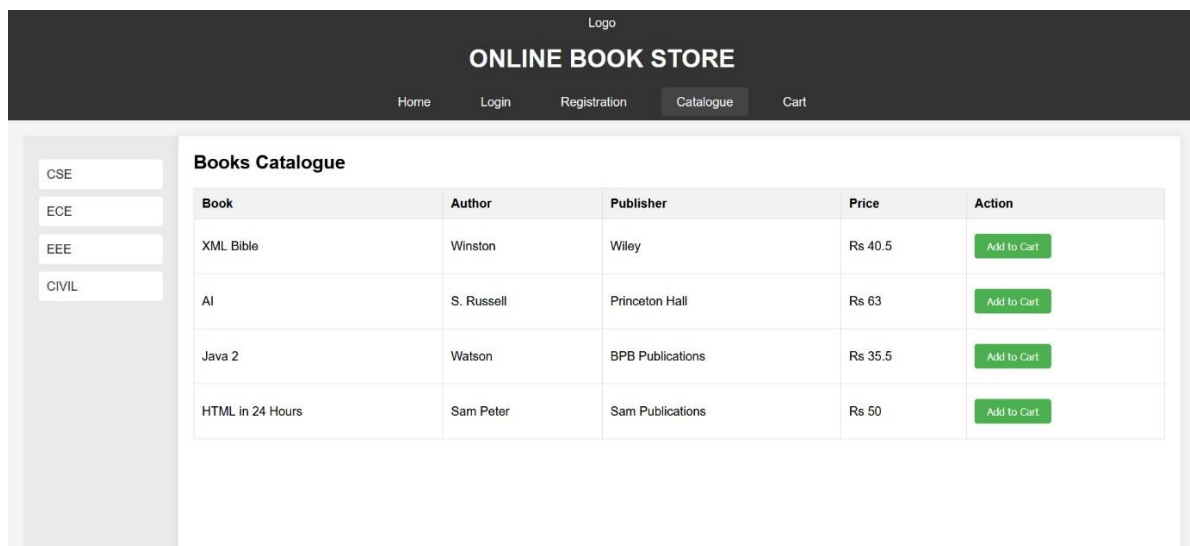
```
        </tbody>
    </table>
  </div>
 </div>
</body>
</html>
```

OUTPUT : -

Logo				
ONLINE BOOK STORE				
Home	Login	Registration	Catalogue	Cart

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

CSE
ECE
EEE
CIVIL

CART PAGE

SOURCE CODE:

```html
<!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;
```

```css
      }
      .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;
```

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

    <div class="header">
        <img src="logo.png" alt="Logo" height="50"> <!-- 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>
```

```html
        <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:-

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