

## 1. Online Book store

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Online Bookstore</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Online Bookstore</h1>
    <nav>
      <ul>
        <li><a href="#home">Home</a></li>
        <li><a href="#books">Books</a></li>
        <li><a href="#login">Login</a></li>
        <li><a href="#register">Register</a></li>
      </ul>
    </nav>
  </header>

  <section id="home">
    <h2>Welcome to our Bookstore!</h2>
    <!-- Display featured books, promotions, etc. -->
  </section>

  <section id="books">
    <h2>Our Books</h2>
    <!-- Display books dynamically from database -->
  </section>

  <section id="login">
    <h2>Login</h2>
    <form action="login.php" method="post">
      <label for="username">Username:</label>
      <input type="text" id="username" name="username" required><br>
      <label for="password">Password:</label>
      <input type="password" id="password" name="password" required><br>
      <button type="submit">Login</button>
    </form>
  </section>

  <section id="register">
    <h2>Register</h2>
    <form action="register.php" method="post">
      <label for="username">Username:</label>
      <input type="text" id="username" name="username" required><br>
```

```
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required><br>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required><br>
        <button type="submit">Register</button>
    </form>
</section>

<footer>
    <p>&copy; 2024 Online Bookstore. All rights reserved.</p>
</footer>
</body>
</html>
```

```
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
}
```

```
header {
    background-color: #333;
    color: #fff;
    padding: 10px;
    display: flex;
    justify-content: space-between;
    align-items: center;
}
```

```
nav ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
}
```

```
nav ul li {
    display: inline;
    margin-right: 10px;
}
```

```
nav ul li a {
    color: #fff;
    text-decoration: none;
}
```

```
section {
    padding: 20px;
}
```

```
form label {
  display: block;
  margin-bottom: 5px;
}

form input {
  margin-bottom: 10px;
  padding: 5px;
}

form button {
  padding: 5px 10px;
  background-color: #333;
  color: #fff;
  border: none;
  cursor: pointer;
}

footer {
  background-color: #333;
  color: #fff;
  text-align: center;
  padding: 10px;
  position: fixed;
  bottom: 0;
  width: 100%;
}
```

## 2.Calculator

```
<!DOCTYPE html>
<html lang = "en">
<head>
<title> Calculator </title>
<style> h1 {
text-align: center; padding: 23px;
background-color: skyblue; color: white;
}
#clear{ width: 270px;
border: 3px solid gray; border-radius: 3px; padding: 20px; background-color:
red;
}
.formstyle
{
width: 300px; height: 530px; margin: auto;
border: 3px solid skyblue; border-radius: 5px; padding: 20px;
}
input
{
width: 20px;
background-color: green;

color: white;
border: 3px solid gray; border-radius: 5px; padding: 26px; margin: 5px;
font-size: 15px;
}
#calc{
width: 250px;
border: 5px solid black; border-radius: 3px; padding: 20px; margin: auto;
}
</style>
</head>
<body>
<h1> Calculator Program in JavaScript </h1>
<div class= "formstyle">
<form name = "form1">

<input id = "calc" type ="text" name = "answer"> <br> <br>

<input type = "button" value = "1" onclick = "form1.answer.value += '1' ">
<input type = "button" value = "2" onclick = "form1.answer.value += '2' ">
<input type = "button" value = "3" onclick = "form1.answer.value += '3' ">
<input type = "button" value = "+" onclick = "form1.answer.value += '+' ">
<br> <br>
<input type = "button" value = "4" onclick = "form1.answer.value += '4' ">
```

```
<input type = "button" value = "5" onclick = "form1.answer.value += '5' ">
<input type = "button" value = "6" onclick = "form1.answer.value += '6' ">
<input type = "button" value = "-" onclick = "form1.answer.value += '-' ">
<br> <br>
<input type = "button" value = "7" onclick = "form1.answer.value += '7' ">
<input type = "button" value = "8" onclick = "form1.answer.value += '8' ">
<input type = "button" value = "9" onclick = "form1.answer.value += '9' ">
<input type = "button" value = "*" onclick = "form1.answer.value += '*' ">
<br> <br>
<input type = "button" value = "/" onclick = "form1.answer.value += '/' ">
<input type = "button" value = "0" onclick = "form1.answer.value += '0' ">
<input type = "button" value = "." onclick = "form1.answer.value += '.' ">

<input type = "button" value = "=" onclick = "form1.answer.value =
eval(form1.answer.value) ">
<br>

<input type = "button" value = "Clear All" onclick = "form1.answer.value = ' '
" id= "clear" >
<br>
</form>
</div>
</body>
</html>
```

### 3.Student Information

```
<STUDENTDATA>
<STUDENT>
<USN>USN : 3GN16CS002</USN>
<NAME>NAME : LISA M</NAME>
<COLLEGE>COLLEGE : GNDECB</COLLEGE>
<BRANCH>BRANCH :CSE</BRANCH>
<YEAR>YEAR : 2019</YEAR>
<EMAIL>E-MAIL : lisam@gmail.com</EMAIL>
</STUDENT>

<STUDENT>
<USN>USN : 3GN16CS029</USN>
<NAME>NAME : ROSE</NAME>
<COLLEGE>COLLEGE : GNDECB</COLLEGE>
<BRANCH>BRANCH :CSE</BRANCH>
<YEAR>YEAR : 2019</YEAR>
<EMAIL>E-MAIL : rose@gmail.com</EMAIL>
</STUDENT>

<STUDENT>
<USN>USN : 3GN16CS027</USN>
<NAME>NAME : JISOO</NAME>
<COLLEGE>COLLEGE : GNDECB</COLLEGE>
<BRANCH>BRANCH :CSE</BRANCH>
<YEAR>YEAR : 2019</YEAR>
<EMAIL>E-MAIL : jisoo@gmail.com</EMAIL>
</STUDENT>
</STUDENTDATA>

<!DOCTYPE html>
<html>
<head>
  <title>Student Data</title>
</head>
<body>
  <h1>Student Data</h1>
  <div>
    <p><strong>USN:</strong> 3GN16CS002<br>
    <strong>NAME:</strong> LISA M<br>
    <strong>COLLEGE:</strong> GNDECB<br>
    <strong>BRANCH:</strong> CSE<br>
    <strong>YEAR:</strong> 2019<br>
    <strong>E-MAIL:</strong> lisam@gmail.com</p>
  </div>
  <div>
    <p><strong>USN:</strong> 3GN16CS029<br>
```

```
<strong>NAME:</strong> ROSE<br>
<strong>COLLEGE:</strong> GNDECB<br>
<strong>BRANCH:</strong> CSE<br>
<strong>YEAR:</strong> 2019<br>
<strong>E-MAIL:</strong> rose@gmail.com</p>
</div>
<div>
  <p><strong>USN:</strong> 3GN16CS027<br>
  <strong>NAME:</strong> JISOO<br>
  <strong>COLLEGE:</strong> GNDECB<br>
  <strong>BRANCH:</strong> CSE<br>
  <strong>YEAR:</strong> 2019<br>
  <strong>E-MAIL:</strong> jisoo@gmail.com</p>
</div>
</body>
</html>
```

#### 4.E-Commerce:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sofa Shop</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <h1>Sofa Shop</h1>
    <nav>
      <a href="#">Home</a>
      <a href="#">Shop</a>
      <a href="#">Cart</a>
      <a href="#">Contact</a>
    </nav>
  </header>
  <main>
    <section class="product">
      <h2>Comfy Sofa</h2>
      <div class="product-image">
        
      </div>
      <div class="product-details">
        <p>Price: $499</p>
        <p>Description: This comfy sofa is perfect for any living room. It features plush cushions and a modern design.</p>
        <button class="add-to-cart">Add to Cart</button>
      </div>
    </section>
    <section class="product">
      <h2>Elegant Sofa</h2>
      <div class="product-image">
        
      </div>
      <div class="product-details">
        <p>Price: $799</p>
        <p>Description: An elegant sofa that combines style and comfort. It is made with high-quality materials.</p>
        <button class="add-to-cart">Add to Cart</button>
      </div>
    </section>
  </main>
  <footer>
    <p>&copy; 2024 Sofa Shop. All rights reserved.</p>
  </footer>
```



```
    <script src="script.js"></script>
</body>
</html>
```

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}
```

```
header {
  background-color: #333;
  color: white;
  padding: 1rem;
  text-align: center;
}
```

```
header nav a {
  color: white;
  margin: 0 1rem;
  text-decoration: none;
}
```

```
header nav a:hover {
  text-decoration: underline;
}
```

```
main {
  padding: 2rem;
}
```

```
.product {
  border: 1px solid #ccc;
  border-radius: 5px;
  margin: 1rem 0;
  padding: 1rem;
  display: flex;
  align-items: center;
}
```

```
.product-image img {
  width: 200px;
  height: auto;
  border-radius: 5px;
}
```

```
.product-details {
  margin-left: 2rem;
}
```

```
}

.product-details p {
  margin: 0.5rem 0;
}

.add-to-cart {
  background-color: #28a745;
  color: white;
  border: none;
  padding: 0.5rem 1rem;
  cursor: pointer;
  border-radius: 5px;
}

.add-to-cart:hover {
  background-color: #218838;
}

footer {
  background-color: #333;
  color: white;
  text-align: center;
  padding: 1rem;
  position: fixed;
  width: 100%;
  bottom: 0;
}

document.addEventListener('DOMContentLoaded', () => {
  const cartButtons = document.querySelectorAll('.add-to-cart');

  cartButtons.forEach(button => {
    button.addEventListener('click', () => {
      alert('Added to cart!');
    });
  });
});
```

## 5.OTP:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>OTP Verification</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="otp-container">
    <h2>Verify Your Identity</h2>
    <p>Please enter the OTP sent to your mobile number.</p>
    <form id="otp-form">
      <div class="otp-inputs">
        <input type="text" maxlength="1" class="otp-input" autofocus>
        <input type="text" maxlength="1" class="otp-input">
        <input type="text" maxlength="1" class="otp-input">
        <input type="text" maxlength="1" class="otp-input">
        <input type="text" maxlength="1" class="otp-input">
        <input type="text" maxlength="1" class="otp-input">
      </div>
      <button type="submit" class="verify-btn">Verify</button>
    </form>
  </div>
</body>
</html>
```

```
body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
  font-family: Arial, sans-serif;
  background-color: #f0f0f0;
}

.otp-container {
  background-color: #fff;
  padding: 20px 30px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  border-radius: 8px;
  text-align: center;
}

h2 {
```

```
    margin-bottom: 10px;
}

p {
    margin-bottom: 20px;
    color: #555;
}

.otp-inputs {
    display: flex;
    justify-content: space-between;
    margin-bottom: 20px;
}

.otp-input {
    width: 40px;
    height: 40px;
    text-align: center;
    font-size: 20px;
    border: 1px solid #ccc;
    border-radius: 4px;
    margin: 0 5px;
    outline: none;
}

.otp-input:focus {
    border-color: #007bff;
}

.verify-btn {
    width: 100%;
    padding: 10px 0;
    border: none;
    border-radius: 4px;
    background-color: #007bff;
    color: #fff;
    font-size: 16px;
    cursor: pointer;
}

.verify-btn:hover {
    background-color: #0056b3;
}
```

## 6.Social media:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Social Media</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Social Media</h1>
  </header>
  <div class="container">
    <aside>
      <h2>Menu</h2>
      <ul>
        <li>Home</li>
        <li>Profile</li>
        <li>Messages</li>
        <li>Settings</li>
      </ul>
    </aside>
    <main>
      <form id="postForm">
        <textarea id="postContent" placeholder="What's on your
mind?"></textarea>
        <button type="submit">Post</button>
      </form>
      <div id="posts">
        <!-- Posts will be dynamically added here -->
      </div>
    </main>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}
```

```
header {
  background-color: #333;
  color: #fff;
```

```
padding: 20px;
text-align: center;
}

.container {
display: flex;
justify-content: space-between;
padding: 20px;
}

aside {
width: 20%;
}

main {
width: 75%;
}

form {
margin-bottom: 20px;
}

textarea {
width: 100%;
height: 100px;
resize: none;
margin-bottom: 10px;
}

button {
background-color: #007bff;
color: #fff;
border: none;
padding: 10px 20px;
cursor: pointer;
}

button:hover {
background-color: #0056b3;
}

ul {
list-style-type: none;
padding: 0;
}

li {
margin-bottom: 10px;
```

```
    cursor: pointer;
}

li:hover {
    color: #007bff;
}

document.getElementById('postForm').addEventListener('submit', function(event)
{
    event.preventDefault();

    var postContent = document.getElementById('postContent').value;

    var postElement = document.createElement('div');
    postElement.classList.add('post');
    postElement.innerText = postContent;

    document.getElementById('posts').appendChild(postElement);

    document.getElementById('postContent').value = '';
});
```

## 7.To-do:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>To-Do List</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h1>To-Do List</h1>
    <div class="input-container">
      <input type="text" id="taskInput" placeholder="Add new task...">
      <button onclick="addTask()">Add Task</button>
    </div>
    <ul id="taskList">
      <!-- Tasks will be dynamically added here -->
    </ul>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f4f4f4;
}

.container {
  max-width: 600px;
  margin: 50px auto;
  padding: 20px;
  background-color: #fff;
  border-radius: 5px;
  box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}

h1 {
  text-align: center;
  margin-bottom: 20px;
}

.input-container {
```



```
display: flex;
margin-bottom: 20px;
}

.input-container input[type="text"] {
  flex: 1;
  padding: 10px;
  font-size: 16px;
  border: 1px solid #ddd;
  border-radius: 5px 0 0 5px;
  outline: none;
}

.input-container button {
  padding: 10px 20px;
  font-size: 16px;
  border: none;
  border-radius: 0 5px 5px 0;
  background-color: #007bff;
  color: #fff;
  cursor: pointer;
  outline: none;
}

.input-container button:hover {
  background-color: #0056b3;
}

ul {
  list-style-type: none;
  padding: 0;
}

li {
  padding: 10px;
  background-color: #f9f9f9;
  border-bottom: 1px solid #ddd;
}

li:last-child {
  border-bottom: none;
}

.delete-btn {
  float: right;
  background-color: #dc3545;
  color: #fff;
  border: none;
```

```
padding: 5px 10px;
border-radius: 3px;
cursor: pointer;
}

function addTask() {
    var taskInput = document.getElementById("taskInput");
    var taskText = taskInput.value.trim();

    if (taskText === "") {
        alert("Please enter a task.");
        return;
    }

    var taskList = document.getElementById("taskList");

    var li = document.createElement("li");
    li.innerText = taskText;

    var deleteBtn = document.createElement("button");
    deleteBtn.className = "delete-btn";
    deleteBtn.innerText = "Delete";
    deleteBtn.onclick = function() {
        li.remove();
    };

    li.appendChild(deleteBtn);
    taskList.appendChild(li);

    taskInput.value = "";
}
```