

## EXPERIMENT 1 – HOMEPAGE

**Objective:** To design a static home page for an Online Book Store using HTML frames.

**PROGRAM:-**

(a) **home.html**

```
1 <!DOCTYPE html>
2 <head>
3     <title>Online Book Store</title>
4     <style>
5         body, html {
6             height: 100%;
7             margin: 0;
8         }
9         .top {
10             height: 20%;
11             width: 100%;
12         }
13         .container {
14             display: flex;
15             height: 80%;
16             width: 100%;
17         }
18         .left {
19             width: 20%;
20             height: 100%;
21         }
22         .main {
23             width: 80%;
24             height: 100%;
25         }
26         iframe {
27             border: none;
28             width: 100%;
29             height: 100%;
30         }
31     </style>
32 </head>
33 <body>
34     <div class="top">
35         <iframe src="top.html" name="topFrame" title="Top Section"></iframe>
36     </div>
37     <div class="container">
38         <div class="left">
39             <iframe src="left.html" name="leftFrame" title="Left Section"></iframe>
40         </div>
41         <div class="main">
42             <iframe src="main.html" name="mainFrame" title="Main Section"></iframe>
43         </div>
44     </div>
45 </body>
46 </html>
```

## (b) top.html

```
❶ Welcome    ◊ catalogue.html    ◊ login.html    ◊ main.html    ◊ left.html    ◊ top.html X    ◊ home.html
❷ ◊ top.html > body > img
❸ 1  <!DOCTYPE html>
❹ 2  <head>
❺ 3      <title>Online Book Store</title>
❻ 4      <style>
❼ 5          body {
∘ 6              background-color: #f3c86a;
∘ 7              text-align: center;
∘ 8              font-family: Arial;
∘ 9          }
∘ 10         a {
∘ 11             margin: 0 10px;
∘ 12             text-decoration: none;
∘ 13             color: black;
∘ 14             font-weight: bold;
∘ 15         }
∘ 16         a:hover {
∘ 17             color: blue;
∘ 18         }
∘ 19     </style>
∘ 20 </head>
∘ 21 <body>
∘ 22     
∘ 23
∘ 24     <h2>Online Book Store</h2>
∘ 25     <a href="main.html" target="mainFrame">Home</a>
∘ 26     <a href="login.html" target="mainFrame">Login</a>
∘ 27     <a href="register.html" target="mainFrame">Registration</a>
∘ 28     <a href="catalogue.html" target="mainFrame">Catalogue</a>
∘ 29     <a href="cart.html" target="mainFrame">Cart</a>
∘ 30 </body>
∘ 31 </html>
∘ 32
```

## (c) left.html

```
❶ catalogue.html X    ◊ login.html    ◊ main.html    ◊ left.html X    ◊ top.html    ◊ home.html
❷ ◊ left.html > head > style > a:hover
❸ 1  <!DOCTYPE html>
❹ 2  <head>
❺ 3      <title>Department Links</title>
❻ 4      <style>
❼ 5          body {
∘ 6              background-color: #f2f2f2;
∘ 7              font-family: Arial;
∘ 8          }
∘ 9          a {
∘ 10             display: block;
∘ 11             padding: 8px;
∘ 12             color: black;
∘ 13             text-decoration: none;
∘ 14         }
∘ 15         a:hover {
∘ 16             background-color: #ddd;
∘ 17         }
∘ 18     </style>
∘ 19 </head>
∘ 20 <body>
∘ 21     <a href="cse.html" target="mainFrame">CSE</a>
∘ 22     <a href="ece.html" target="mainFrame">ECE</a>
∘ 23     <a href="eee.html" target="mainFrame">EEE</a>
∘ 24     <a href="civil.html" target="mainFrame">CIVIL</a>
∘ 25 </body>
∘ 26 </html>
∘ 27
```

**(d) main.html**

```
⚡ Welcome    ◁ catalogue.html    ◁ login.html    ◁ main.html X    ◁ left.html    ◁ top.html    ◁ hc ▶ ⌂
↳ main.html > ⚡ body > ⚡ h2
1   <!DOCTYPE html>
2   <head>
3     <title>Online Book Store</title>
4     <style>
5       body {
6         font-family: Arial;
7         margin: 20px;
8       }
9     </style>
10  </head>
11  <body>
12    <h2>Welcome to the Online Book Store</h2>
13    <p>
14      This website allows students to browse and purchase books from different departments.
15      Use the links above to login, register, and view the catalogue.
16    </p>
17  </body>
18 </html>
19
```

**OUTPUT**

The screenshot shows the homepage of the Online Book Store. At the top, there is a yellow header bar. On the left side of the header is the ABES Business School logo, which includes a sun icon and the text "ABES Business School Since 1991". To the right of the logo is the text "Online Book Store" and a navigation menu with links: Home, Login, Registration, Catalogue, and Cart. The main content area has a light gray background. On the left, there is a vertical sidebar with links: CSE, ECE, EEE, and CIVIL. The main content area displays the following text:

**Welcome to the Online Book Store**

This website allows students to browse and purchase books from different departments. Use the links above to login, register, and view the catalogue.

## EXPERIMENT 2 – LOGIN PAGE

**Objective:** To design a login page for the Online Book Store that allows users to enter username and password.

### PROGRAM:-

```
 1 Welcome    catalogue.html    login.html X    main.html    left.html    top.html    home.html
 2 login.html > body
 3     <!DOCTYPE html>
 4     <head>
 5         <title>Login Page</title>
 6         <style>
 7             body {
 8                 font-family: Arial;
 9                 background-color: #f9f9f9;
10                 margin: 30px;
11             }
12             input[type="text"], input[type="password"] {
13                 width: 200px;
14                 padding: 6px;
15                 margin: 5px;
16             }
17             input[type="submit"], input[type="reset"] {
18                 padding: 6px 15px;
19                 margin: 8px;
20                 background-color: orange;
21                 border: none;
22                 cursor: pointer;
23             }
24             input[type="submit"]:hover, input[type="reset"]:hover {
25                 background-color: #e0a000;
26             }
27         </style>
28     </head>
29     <body>
30
31         <h2>Login Page</h2>
32         <form>
33             <label for="uname">User Name:</label><br>
34             <input type="text" id="uname" name="uname"><br>
35             <label for="pwd">Password:</label><br>
36             <input type="password" id="pwd" name="pwd"><br>
37             <input type="submit" value="Submit">
38             <input type="reset" value="Reset">
39         </form>
40     </body>
41 </html>
42
```

## OUTPUT:-

The screenshot shows a web page for the ABES Business School Online Book Store. At the top left is the ABES logo with the text "ABES Business School" and "College Code 195". At the top right is a navigation bar with links for "Home", "Login", "Registration", "Catalogue", and "Cart". Below the navigation bar, there is a sidebar on the left with course abbreviations: CSE, ECE, EEE, and CIVIL. The main content area is titled "Login Page" and contains fields for "User Name" and "Password", each with an associated input box. Below these fields are two buttons: "Submit" and "Reset".

## EXPERIMENT 3 – CATALOGUE PAGE

**Objective:** To create a catalogue page that displays available books with cover, author, publisher, price, and an add-to-cart button.

**Program:-**

```
1 Welcome  catalogue.html  login.html  main.html  left.html  top.html  home.html
2 catalogue.html > head > style > button
3   <!DOCTYPE html>
4   <head>
5     <title>Book Catalogue</title>
6     <style>
7       body {
8         font-family: Arial;
9         background-color: #ffff;
10        margin: 20px;
11      }
12      table {
13        width: 100%;
14        border-collapse: collapse;
15      }
16      th, td {
17        padding: 10px;
18        border: 1px solid #ddd;
19        text-align: center;
20      }
21      img {
22        width: 80px;
23        height: 100px;
24      }
25      button {
26        background-color: #orange;
27        border: none;
28        padding: 6px 12px;
29        cursor: pointer;
30      }
31      button:hover {
32        background-color: #e0e0e0;
33      }
34    </style>
35  </head>
36  <body>
37
38    <h2>Book Catalogue</h2>
39    <table>
40      <tr>
41        <th>Cover</th>
42        <th>Book Details</th>
43        <th>Price</th>
44        <th>Cart</th>
45      </tr>
46      <tr>
47        <td></td>
48        <td>
49          <b>Book:</b> XML Bible<br>
50          <b>Author:</b> Winston<br>
51          <b>Publisher:</b> Wiley
52        </td>
53        <td>$40.5</td>
54        <td><button>Add to Cart</button></td>
55      </tr>
56      <tr>
57        <td></td>
58        <td>
59          <b>Book:</b> AI<br>
60          <b>Author:</b> S. Russell<br>
61          <b>Publisher:</b> Prentice Hall
62        </td>
63        <td>$63</td>
64        <td><button>Add to Cart</button></td>
65      </tr>
66      <tr>
67        <td></td>
68        <td>
69          <b>Book:</b> Java 2<br>
70          <b>Author:</b> Watson<br>
71          <b>Publisher:</b> BPB Publications
72        </td>
73        <td>$35.5</td>
74        <td><button>Add to Cart</button></td>
75      </tr>
76      <tr>
77        <td></td>
78        <td>
79          <b>Book:</b> HTML in 24 Hours<br>
80          <b>Author:</b> Sam Peter<br>
81          <b>Publisher:</b> Sam Publications
82        </td>
83        <td>$50</td>
84        <td><button>Add to Cart</button></td>
85      </tr>
86    </table>
87  </body>
88 </html>
```

## Output:-

**ABES** Business School  
College Code 1955

**Online Book Store**

Home   Login   Registration   Catalogue   Cart

CSE	Book Catalogue		
ECE	Cover	Book Details	Price
EEE			
CIVIL			
		<b>Book:</b> XML Bible <b>Author:</b> Winston <b>Publisher:</b> Wiley	\$40.5
		<b>Book:</b> AI <b>Author:</b> S. Russell <b>Publisher:</b> Prentice Hall	\$63
		<b>Book:</b> Java 2 <b>Author:</b> Watson <b>Publisher:</b> BPB Publications	\$35.5
		<b>Book:</b> HTML in 24 Hours <b>Author:</b> Sam Peter <b>Publisher:</b> Sam Publications	\$50