



DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

Title: Create your own interactive website

WEB PROGRAMMING LAB
CSE 302



GREEN UNIVERSITY OF BANGLADESH

1 Objective(s)

- To design an interactive website using HTML,CSS,PHP,MySQL and Javascript.
- Students will develop various kinds of websites that will have both frontend and backend technologies.

2 Problem analysis

This manual will show an interactive website that is designed using HTML,CSS,PHP and JS. This website is designed for the students of CSE 302 course. This is a demo version for the students. Students will design interactive websites individually.

3 Implementation in HTML,CSS,PHP,MySQL

```
1 //Home Page
2 <html>
3 <head>
4   <title>CSE 301</title>
5   <style type="text/css">
6     body{
7       background-color: #ECF0F1;
8     }
9
10    h1{
11      color: white;
12      font-size: 25px;
13      background-color: #1F618D;
14    }
15
16    ul {
17      list-style-type: none;
18      margin: 0;
19      padding: 0;
20      overflow: hidden;
21      background-color: #333;
22    }
23
24    li {
25      float: left;
26    }
27
28    li a {
29      display: block;
30      color: white;
31      text-align: center;
32      padding: 14px 16px;
33      text-decoration: none;
34    }
35
36    li a:hover:not(.active) {
37      background-color: #111;
38    }
39
40    .active {
41      background-color: #04AA6D;
42    }
43    h2{
```

```

44     text-align: center;
45     color: green;
46     font-style: italic;
47
48 }
49 p{
50     margin: 0px 0px 30px;
51     text-align: justify;
52     line-height: 1.8;
53     background-color: #eeefef;
54     font-size: 18px;
55     text-indent: 10px;
56 }
57 img{
58     display: block;
59     margin-left: auto;
60     margin-right: auto;
61     width: 30%;
62     height: 50%;
63 }
64 </style>
65 </head>
66 <body>
67     <h1 align="center"> Web Programming class </h1>
68     <hr>
69     <ul>
70         <li><a href="home.php">Home </a> </li>
71         <li><a href="about.php">About </a> </li>
72         <li><a href="contact.php">Contact </a> </li>
73         <li><a href="student.php">Student Information </a> </li>
74     </ul>
75     <h2>WELCOME TO GREEN UNIVERSITY OF BANGLADESH (GUB) </h2>
76     <br> <br>
77     <p> Green University of Bangladesh (GUB), one of the leading private
        universities in Bangladesh, was founded in 2003 under the Private
        University Act 1992 with a vision to create a global higher education
        center of excellence. GUB offers students from all walks of life the
        advantages of an affordable, personalized education of global standard. As
        a modern, dynamic, and innovative institution for undergraduate and
        graduate students, GUB lays stress on quality education imparted by a
        galaxy of highly qualified, dynamic, dedicated, and well-experienced
        faculty members with global exposure.
78     <br></p>
79     
80
81 </body>
82 </html>
83 //About Page
84 <html>
85 <head>
86     <title>CSE 301</title>
87     <style type="text/css">
88         body{
89             background-color: #ECF0F1;
90         }
91
92         h1{
93             color: white;

```

```
94     font-size: 25px;
95     background-color: #1F618D;
96 }
97
98 div{
99     border: 2px solid ;
100     margin-top:5px;
101     margin-left:20px;
102     margin-right: 20px;
103     padding-left: 10px;
104     padding-right: 8px
105     padding-top: 10px;
106     padding-bottom: 10px;
107 }
108 ul {
109     list-style-type: none;
110     margin: 0;
111     padding: 0;
112     overflow: hidden;
113     background-color: #333;
114 }
115
116 li {
117     float: left;
118 }
119
120 li a {
121     display: block;
122     color: white;
123     text-align: center;
124     padding: 14px 16px;
125     text-decoration: none;
126 }
127
128 li a:hover:not(.active) {
129     background-color: #111;
130 }
131
132 .active {
133     background-color: #04AA6D;
134 }
135
136 table{
137     border-collapse: collapse;
138     width: 80%;
139     margin:auto;
140 }
141 td {
142     text-align: right;
143     color: red;
144 }
145 th {
146     background-color: #04AA6D;
147     color: white;
148 }
149 </style>
150 </head>
151 <body>
152     <h1 align="center">Welcome to Web Programming class </h1>
```

```

152 <hr>
153 <ul>
154   <li><a href="home.php">Home </a> </li>
155   <li><a href="about.php">About </a> </li>
156   <li><a href="contact.php">Contact </a> </li>
157   <li><a href="contact.php">Student Information </a> </li>
158 </ul>
159 <div class="info">
160   <h3>Course Name: Web Programming </h3>
161   <h3>Course Code: CSE 301</h3>
162   <h3>Batch: 191</h3>
163   <h3> Section: EA </h3>
164   <h3> Program: BSC in CSE weekend </h3>
165
166 </div>
167 <br> <br>
168 <h1 align="center"> Student's Information </h1>
169 <table border="2" cellpadding="15" cellspacing="5">
170   <tr>
171     <th> ID </th>
172     <th> Name </th>
173     <th>SSC year</th>
174     <th> SSC GPA </th>
175     <th> Diploma/HSC </th>
176     <th> HSC/Diploma GPA</th>
177   </tr>
178   <tr>
179     <td>1910015 </td>
180     <td>ABC</td>
181     <td>2012 </td>
182     <td> 5.00 </td>
183     <td> 2017</td>
184     <td>4.50 </td>
185   </tr>
186   <tr>
187     <td>1910016 </td>
188     <td>XYZ</td>
189     <td>2012 </td>
190     <td> 5.00 </td>
191     <td> 2017</td>
192     <td>4.80 </td>
193   </tr>
194   <tr>
195     <td>1910017 </td>
196     <td>PQR</td>
197     <td>2012 </td>
198     <td> 4.00 </td>
199     <td> 2017</td>
200     <td>4.80 </td>
201   </tr>
202 </table>
203
204 </body>
205 </html>
206 //Contact Page
207 <html>
208 <head>
209   <title>CSE 301</title>

```

```
210 <style type="text/css">
211     body{
212         background-color: #ECF0F1;
213     }
214
215     h1{
216         color: white;
217         font-size: 25px;
218         background-color: #1F618D;
219     }
220
221     div{
222         border: 2px solid ;
223         margin: auto;
224         padding-left: 10px;
225         padding-right: 8px
226         padding-top: 10px;
227         padding-bottom: 10px;
228         text-align: center;
229         width:50%;
230         font-size:25px;
231         background-color: white;
232     }
233     ul {
234         list-style-type: none;
235         margin: 0;
236         padding: 0;
237         overflow: hidden;
238         background-color: #333;
239     }
240
241     li {
242         float: left;
243     }
244
245     li a {
246         display: block;
247         color: white;
248         text-align: center;
249         padding: 14px 16px;
250         text-decoration: none;
251     }
252
253     li a:hover:not(.active) {
254         background-color: #111;
255     }
256
257     .active {
258         background-color: #04AA6D;
259     }
260 </style>
261 </head>
262 <body>
263     <h1 align="center">Welcome to Web Programming class </h1>
264     <hr>
265     <ul>
266         <li><a href="home.php">Home </a> </li>
267         <li><a href="about.php">About </a> </li>
```

```

268     <li><a href="contact.php">Contact </a> </li>
269     <li><a href="student.php">Student Information </a> </li>
270 </ul>
271 <br>
272 <div>
273     <form>
274         Name: <input type="text" name="">
275         <br> <br>
276         Email: <input type="email">
277         <br> <br>
278
279         Phone: <input type="number">
280         <br> <br>
281         Message:<textarea rows="5" cols="50">Write a message here</textarea>
282         <br> <br>
283         <input type="submit" name="" value="Submit">
284     </form>
285 </div>
286
287 </body>
288 </html>
289 //Student Page
290 <html>
291 <head>
292 <meta name="viewport" content="width=device-width, initial-scale=1">
293 <style>
294 body {font-family: Arial, Helvetica, sans-serif;}
295 form {border: 3px solid #f1f1f1;}
296
297 input[type=text], input[type=password] {
298     width: 100%;
299     padding: 12px 20px;
300     margin: 8px 0;
301     display: inline-block;
302     border: 1px solid #ccc;
303     box-sizing: border-box;
304 }
305
306 button {
307     background-color: #04AA6D;
308     color: white;
309     padding: 14px 20px;
310     margin: 8px 0;
311     border: none;
312     cursor: pointer;
313     width: 100%;
314 }
315
316 button:hover {
317     opacity: 0.8;
318 }
319
320 .cancelbtn {
321     width: auto;
322     padding: 10px 18px;
323     background-color: #f44336;
324 }
325

```

```

326 .imgcontainer {
327     text-align: center;
328     margin: 24px 0 12px 0;
329 }
330
331 img.avatar {
332     width: 10%;
333     border-radius: 50%;
334     height: 20%;
335 }
336
337 .container {
338     padding: 16px;
339 }
340
341 span.psw {
342     float: right;
343     padding-top: 16px;
344 }
345
346 /* Change styles for span and cancel button on extra small screens */
347 @media screen and (max-width: 300px) {
348     span.psw {
349         display: block;
350         float: none;
351     }
352     .cancelbtn {
353         width: 100%;
354     }
355 }
356 </style>
357 </head>
358 <body>
359
360 <h2 align="center">Please Login First</h2>
361
362 <form action="student_choice.php" method="post">
363     <div class="imgcontainer">
364         
365     </div>
366
367     <div class="container">
368         <label for="name"><b>Id</b></label>
369         <input type="text" placeholder="Enter User-Id" name="id" required>
370
371         <label for="psw"><b>Password</b></label>
372         <input type="password" placeholder="Enter Password" name="pass" required>
373
374         <button type="submit">Login</button>
375         <label>
376             <input type="checkbox" checked="checked" name="remember"> Remember me
377         </label>
378     </div>
379
380     <div class="container" style="background-color:#f1f1f1">
381
382         <span class="psw">Go back to <a href="home.php">Home Page</a></span>
383     </div>

```

```

384 </form>
385
386 </body>
387 </html>
388 //student_choice.php page
389 <?php
390
391     $a=$_POST['id'];
392     $b=$_POST['pass'];
393     $con=mysqli_connect("localhost","root","","web");
394
395
396     $sql= "select * from student where Id='$a' and Password='$b'";
397     $res= mysqli_query($con,$sql);
398     $count=mysqli_num_rows($res);
399
400
401     if($count==1){
402         echo "Succesfulloy log in";
403         header('location:welcome.php');
404         ?>
405     }
406     else
407         echo "Invalid phone number or password";
408 ?>
409 //student page
410 <html>
411 <head>
412     <title>CSE 301</title>
413     <style type="text/css">
414         body{
415             background-color: #ECF0F1;
416         }
417
418         h1{
419             color: white;
420             font-size: 25px;
421             background-color: #1F618D;
422         }
423         h2{
424             text-align: center;
425             color: green;
426             font-style: italic;
427         }
428     }
429
430     ul {
431         list-style-type: none;
432         margin: 0;
433         padding: 0;
434         overflow: hidden;
435         background-color: #333;
436     }
437
438     li {
439         float: left;
440     }
441

```

```

442 li a {
443     display: block;
444     color: white;
445     text-align: center;
446     padding: 14px 16px;
447     text-decoration: none;
448 }
449
450
451 li a:hover:not(.active) {
452     background-color: #111;
453 }
454
455 .active {
456     background-color: #04AA6D;
457 }
458 div{
459     border: 2px solid ;
460     margin: auto;
461     padding-left: 10px;
462     padding-right: 8px
463     padding-top: 10px;
464     padding-bottom: 10px;
465     text-align: center;
466     width:50%;
467     font-size:25px;
468     background-color: white;
469
470     </style>
471 </head>
472 <body>
473     <h1 align="center">Welcome to Web Programming class </h1>
474     <hr>
475
476     <ul>
477         <li><a href="home.php">Home </a> </li>
478         <li><a href="about.php">About </a> </li>
479         <li><a href="contact.php">Contact </a> </li>
480         <li><a href="student.php">Student Information </a> </li>
481     </ul>
482     <h2> Find your result here </h2>
483     <br>
484     <div>
485         <form action="show.php" method="POST">
486             Id: <input type="text",name="id" required>
487             <br> <br>
488             Select semester:
489             <select>
490                 <option>Semester 1</option>
491                 <option>Semester 2</option>
492                 <option>Semester 3</option>
493                 <option>Semester 4</option>
494                 <option>Semester 5</option>
495                 <option>Semester 6</option>
496             </select>
497             <br> <br>
498             <input type="submit" name="" value="Submit">
499         </form>

```

```

500     </div>
501
502 </body>
503 </html>
504 //Show.php
505 <!DOCTYPE html>
506 <html>
507 <head>
508     <title></title>
509 </head>
510 <body>
511     <table border="1" cellpadding="3" cellspacing="3">
512         <tr>
513             <th> Subject Code </th>
514             <th> Subject NameName </th>
515             <th> Attendance</th>
516             <th> Presentation </th>
517             <th colspan="3"> CT</th>
518
519             <th> Avg_CT </th>
520             <th> Mid Exam</th>
521             <th> Final Exam</th>
522             <th> Grade </th>
523         </tr>
524         <?php
525             $con= mysqli_connect("localhost","root","","web");
526             $sql= "select * from student";
527             $result= mysqli_query($con,$sql);
528             while($row=mysqli_fetch_array($result))
529             {
530                 echo "<tr>";
531                 echo "<td>";
532                 echo $row['Code'];
533                 echo "</td>";
534
535
536                 echo "<td>";
537                 echo $row['Name'];
538                 echo "</td>";
539
540
541                 echo "<td>";
542                 echo $row['Att'];
543                 echo "</td>";
544
545
546
547                 echo "<td>";
548                 echo $row['Pre'];
549                 echo "</td>";
550                 echo "<td>";
551                 echo $row['Ct1'];
552                 echo "</td>";
553                 echo "<td>";
554                 echo $row['Ct2'];
555                 echo "</td>";
556                 echo "</td>";
557                 echo "<td>";

```

```

558         echo $row['Ct3'];
559         echo "<td>";
560         echo $row['Avg'];
561
562
563         echo "</td>";
564         echo "<td>";
565         echo $row['mid'];
566         echo "</td>";
567         echo "<td>";
568         echo $row['Final'];
569         echo "</td>";
570         echo "<td>";
571         echo $row['Grade'];
572         echo "</td>";
573     echo "</tr>";
574
575 }
576
577 ?>
578 </table>
579
580 </body>
581 </html>

```

4 Input/Output

Output of the program is given below.

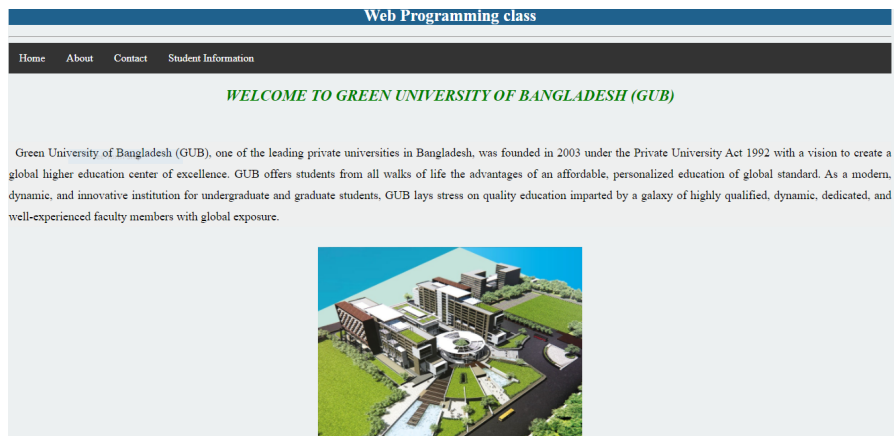


Figure 1

Welcome to Web Programming class

[Home](#)
[About](#)
[Contact](#)
[Student Information](#)

Course Name: Web Programming

Course Code: CSE 301

Batch: 191

Section: EA

Program: BSC in CSE weekend

Student's Information

ID	Name	SSC year	SSC GPA	Diploma/HSC	HSC/Diploma GPA
1910015	ABC	2012	5.00	2017	4.50
1910016	XYZ	2012	5.00	2017	4.80
1910017	PQR	2012	4.00	2017	4.80

Figure 2

Welcome to Web Programming class

[Home](#)
[About](#)
[Contact](#)
[Student Information](#)

Name:

Email:

Phone:

Write a message here

Message:

Submit

Figure 3

5 Discussion & Conclusion

Based on the focused objective(s) to understand about creating a website using HTML CSS,PHP,MySQL the additional lab exercise made me more confident towards the fulfilment of the objectives(s).

6 Lab Task (Please implement yourself and show the output to the instructor)

1. Design an interactive website that will apply HTML,CSS,PHP,JS and MySQL


6.1 Problem analysis

Create and design interactive website using HTML, CSS and PHP that will help the students to build websites.

7 Policy

Copying from internet, classmate, seniors, or from any other source is strongly prohibited. 100% marks will be *deducted* if any such copying is detected.

Please Login First



Id

Password

[Login](#)

☒ Remember me

[Go back to Home Page](#)

Figure 4

Welcome to Web Programming class

Home About Contact Student Information

Find your result here

Id:

Select semester: Semester 5 ▾

[Submit](#)

Figure 5

Welcome to Web Programming class

Home About Contact Student Information

Welcome Mr ABC, Your Id is: 19100154

Subject Code	Subject NameName	Attendance	Presentation	CT			Avg_CT	Mid Exam	Final Exam	Grade
				CT1	CT2	CT3				
CSE 301	Web Programming	4	3.5	12	13	14	13	24	27	A
CSE 311	Computer Network	4	3.5	12	11	13	13	25	26	A
CSE 313	Computer Graphics	4	3.5	13	14	15	13	27	34	A+

Figure 6