



DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

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**Title: Create and design interactive Tables using  
HTML and CSS**

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WEB PROGRAMMING LAB  
CSE 302



GREEN UNIVERSITY OF BANGLADESH

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## 1 Objective(s)

- To design basic tables using HTML and CSS.
- To implement tables using various attributes like rowspan and colspan using HTML and CSS.

## 2 Problem analysis

Tables are made up of data that is contained within columns and rows, and HTML supplies several different elements for defining and structuring these items. At a minimum a table must consist of <table>, <tr> (table row), and <td> (table data) elements. For greater structure and additional semantic value, tables may include the <th> (table header) element and a few other elements as well. When all of these elements are working together, they produce a solid table. CSS allows to design the table.

## 3 Implementation in HTML and CSS

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title></title>
5   <style type="text/css">
6
7     table{
8       border-collapse: collapse;
9       width: 80%;
10      margin:auto;
11    }
12    td {
13      text-align: right;
14      color: red;
15    }
16  }
17  th {
18    background-color: #04AA6D;
19    color: white;
20  }
21  </style>
22 </head>
23 <body>
24   <table border="2" cellpadding="15" cellspacing="5">
25     <tr>
26       <th> Name </th>
27       <th> Salary </th>
28       <th> Code </th>
29     </tr>
30     <tr>
31       <td>ABC</td>
32       <td>200 </td>
33       <td> P1 </td>
34     </tr>
35     <tr>
36       <td>XYZ</td>
37       <td>700</td>
38       <td>P2</td>
39     </tr>
40     <tr>
41       <td colspan="3"> Total: 900 </td>
```

```
42  
43         </tr>  
44     </table>  
45 </body>  
46 </html>
```

## 4 Input/Output

Output of the program is given below.

Name	Salary	Code
ABC	200	P1
XYZ	700	P2
		Total: 900

Figure 1

## 5 Discussion & Conclusion

Based on the focused objective(s) to understand about tables using HTML and CSS, 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. Implement HTML and CSS responsive tables that will have the colspan attribute.

### 6.1 Problem analysis

Create and design tables using HTML and CSS. Table properties such as width,height, rowspan, cellpadding, cellspacing are used.

## 7 Policy

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