DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

Title: Create and design interactive Tables using HTML and CSS

WEB PROGRAMMING LAB

CSE 302

GREEN UNIVERSITY OF BANGLADESH

1 Objective(s)

- To design baisc 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) ele- ment 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

```html
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.

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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