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Course:BCS

QN2

2. Demonstrate all the text formatting tags by creating a web page similar to the following one.



ANSWER

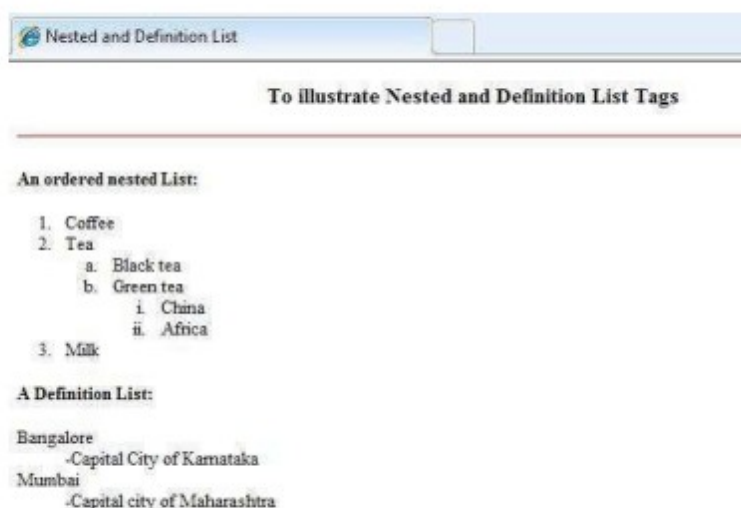
```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Text Tags</title>
7  </head>
8  <body>
9      <center>
10         <h1>To illustrate text formatting tags</h1>
11         <hr color="purple">
12         <marquee>This is alternate Marquee text</marquee>
13         <p>This is <i>italized</i></p>
14         <p>This is <u>underlined</u></p>
15         <p>This is <b>bold</b></p>
16         <p>This is <em>emphasized</em></p>
17         <p>This is <strong> Strong Text</strong></p>
18         <p>This is <strike>striked text</strike></p>
19         <p>This is <code>computer code</code></p>
20         <p>This is <sup>superscript</sup></p>
21         <p>This is <sub>subscript</sub></p>
22         <p>This is <big>big text</big></p>
23         <p>This is <small>small text</small></p>
24     </center>
25 </body>
26 </html>

```

QN3

2. Illustrate the three types of lists by creating a web page similar to the following one.



ANSWER

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Nested and Definition List</title>
</head>
<body>
  <center>
    <h1>To illustrate Nested and Definition List Tags</h1>
  </center>
  <hr color="purple">
  <h2>An ordered nested List</h2>
  <ol>
    <li>Coffee</li>
    <li>Tea</li>
    <ol type="a">
      <li>Black tea</li>
      <li>Green tea</li>
      <ol type="i">
        <li>China</li>
        <li>Africa</li>
      </ol>
    </ol>
    <li>Milk</li>
  </ol>
  <h2>A definition List</h2>
  <dl>
    <dt>Bangalore</dt>
    <dd>Capital City of Kamataka</dd>
    <dt>Mumbai</dt>
    <dd>Capital city of Maharashtra</dd>
  </dl>
</body>
</html>

```

4. Design the following web page using Html forms.

HTML Forms Example - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///C:/work/D/

Academic information

Degree: Master of Business Administration

Student ID:

Classes attended: Geography, Mathematics, English

Personal Details

First Name:

Last Name:

Gender: ☐ Male ☒ Female

Email:

TERMS AND CONDITIONS...

Send Form Clear Form

Done Fiddler: Disabled 0 errors / 0 warnings

ANSWER

```
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>HTML Forms Example - Mozilla Firefox</title>
7 </head>
8 <body>
9
10   <form action="submit.php" method="post">
11     <fieldset>
12       <legend>Academic information</legend>
13       <label for="degree">Degree</label>
14       <input type="text" id="degree" name="degree" value="Master of Business Admi
15       <label for="student_id">Student ID</label>
16       <input type="text" id="student_id" name="student_id"><br><br>
17       <label for="classes_attended">Classes attended</label>
18       <input type="text" id="classes_attended" name="classes_attended">
19     </fieldset>
20     <fieldset>
21       <legend>Personal Details</legend>
22       <label for="first_name">First Name</label>
23       <input type="text" id="first_name" name="first_name"><br><br>
24       <label for="last_name">Last Name</label>
25       <input type="text" id="last_name" name="last_name"><br><br>
26       <label>Gender:</label>
27       <input type="radio" id="male" name="gender" value="male">
28       <label for="male">Male</label>
29       <input type="radio" id="female" name="gender" value="female">
30       <label for="female">Female</label><br><br>
31       <label for="email">Email</label>
32       <input type="email" id="email" name="email"><br><br>
```

QN5

5. Design the following HTML form.

Pizza Shop 2.0	
Name	<input type="text"/>
Pizza Topping	<input type="radio"/> Supreme <input type="radio"/> Vegetarian <input type="radio"/> Hawaiian
Pizza Sauce	<input type="text" value="Tomato"/>
Optional Extras	<input type="checkbox"/> Extra Cheese <input type="checkbox"/> Gluten Free Base
Delivery Instructions: <div><div></div></div>	
<input type="button" value="Send my Order"/>	

ANSWER

```
32 <select id="pizza_sauce" name="pizza_sauce">
33 <option value="Tomato">Tomato</option>
34 <option value="Barbecue">Barbecue</option>
35 <option value="Pesto">Pesto</option>
36 </select>
37 </td>
38 </tr>
39 <tr>
40 <td><label for="extra_cheese">Optional Extras:</label></td>
41 <td>
42 <input type="checkbox" id="extra_cheese" name="extra_cheese">
43 <label for="extra_cheese">Extra Cheese</label><br>
44 <input type="checkbox" id="gluten_free_base" name="gluten_free_base">
45 <label for="gluten_free_base">Gluten Free Base</label>
46 </td>
47 </tr>
48 <tr>
49 <td><label for="delivery_instructions">Delivery Instructions:</label></td>
50 <td><textarea id="delivery_instructions" name="delivery_instructions"></textarea></td>
51 </tr>
52 <tr>
53 <td colspan="2"><input type="submit" value="Send my Order"></td>
54 </tr>
55 </form>
56 </table>
57 </body>
58 </html>
```

QN6

3. Write HTML code for the following table.

Table Heading Cell Spanning 4 Columns			
Normal cell	Cell spanning 2 columns		Normal cell
Cell spanning 3 rows with a gray (US spelling) background	Normal cell	Normal cell	Normal cell
	Normal cell	Cell spanning 2 rows and 2 columns	
	Normal cell		

ANSWER

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    table, th, td {
      border: 1px solid black;
      border-collapse: collapse;
    }
  </style>
</head>
<body>
  <table style="width: 100%;">
    <tr>
      <th colspan="4">Table Heading Cell Spanning 4 column</th>
    </tr>
    <tr>
      <td>Normal cell</td>
      <td colspan="2">Cell spanning 2 column</td>
      <td>Normal cell</td>
    </tr>
    <tr>
      <td rowspan="3">Cell spanning 3 rows with a gray(US spelling)background</td>
      <td>Normal cell</td>
      <td>Normal cell</td>
      <td>Normal cell</td>
    </tr>
    <tr>
      <td>Normal cell</td>
      <td rowspan="2" colspan="2">Cell spanning 2 rows and 2 columns</td>
    </tr>
    <tr>
      <td>Normal cell</td>
    </tr>
  </table>
</body>
</html>

```

QN1

1. Illustrate body tag and pre-formatting tag with any java program and its explanation displayed on a web page with a background image.

ANSWER

```
import java.io.PrintWriter;  
import java.io.IOException;  
  
public class DisplayOnWebPage {  
    public static void main(String[] args) {  
        displayOnWebPage("Hello, World!");  
    }  
  
    private static void displayOnWebPage(String content) {  
        try {  
            FileWriter fw = new FileWriter("output.html");  
            fw.write("<!DOCTYPE html>\n");  
            fw.write("<html>\n");  
            fw.write("<head>\n");  
            fw.write("<title>Display on Web Page</title>\n");  
            fw.write("<style>\n");  
            fw.write("body {\n");  
            fw.write("background-color: lightblue;\n");  
            fw.write("}\n");  
            fw.write("</style>\n");  
            fw.write("</head>\n");  
            fw.write("<body>\n");  
            fw.write("<pre>\n");  
            fw.write(content + "\n");  
            fw.write("</pre>\n");  
            fw.write("</body>\n");  
            fw.write("</html>");  
            fw.close();  
            System.out.println("Output saved to output.html");  
        } catch (IOException e) {  
            e.printStackTrace();  
        }  
    }  
}
```