Question .1.

```html
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <meta charset="UTF-8">
5        <meta http-equiv="X-UA-Compatible" content="IE=edge">
6        <meta name="viewport" content="width=device-width, initial-scale=1.0">
7        <title>Document</title>
8    </head>
9    <body background="house.jpg">
10       <p>
11           public static void main(String [] args){
12               System.out.println("Hello world");
13           }
14       </p>
15
16   </body>
17   </html>
```
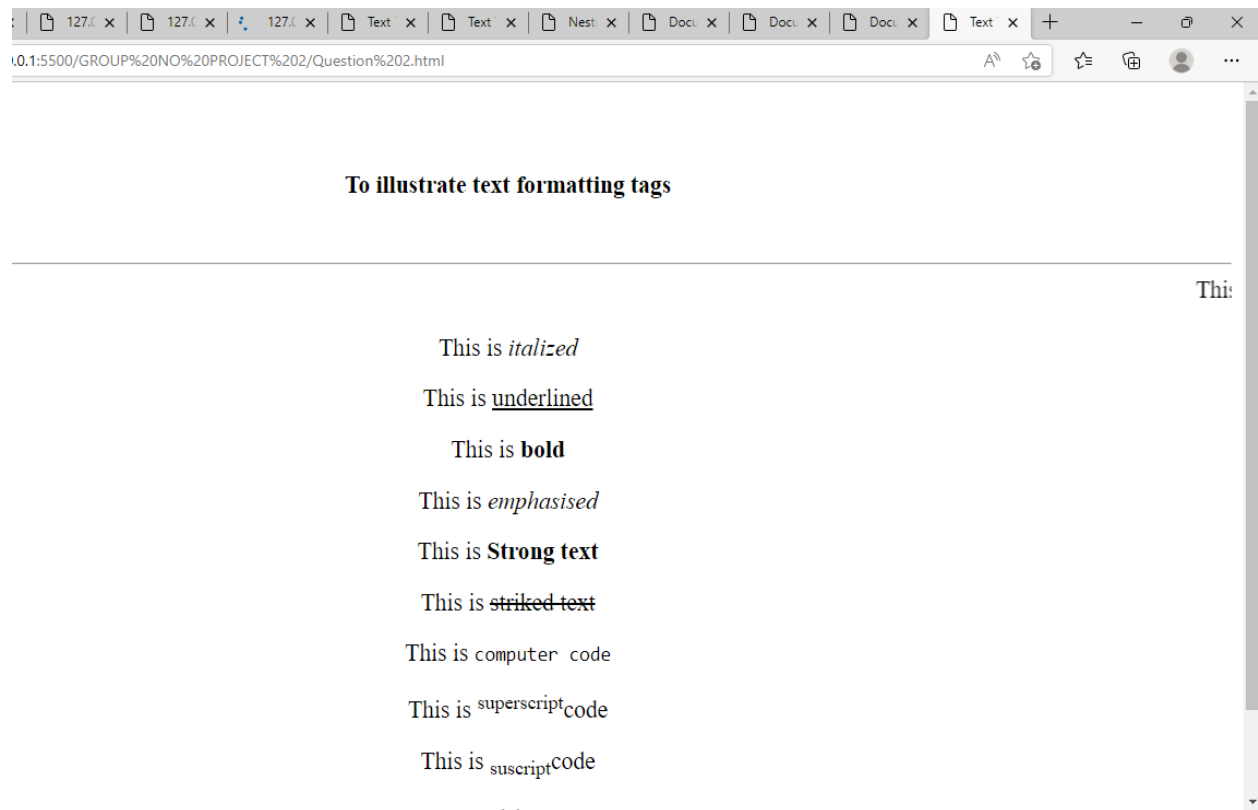

public static void main(String [] args){ System.out.println("Hello world"); }

Question.2

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Text Tags</title>

</head>
<br></br>
<body>
    <center><p><b>To illustrate text formatting tags</b></p><br></center>
    <hr>
    <marquee>This is an alternate Marquee text</marquee>
    <center>
        <p>This is <i>italized</i></p>
        <p>This is <u>underlined</u></p>
        <p>This is <b>bold</b></p>
        <p>This is <i>emphasised</i></p>
        <p>This is <b>Strong text</b></p>
        <p>This is <strike>striked text</strike></p>
        <p>This is <code>computer code</code></p>
        <P>This is <sup>superscript</sup>code</P>
        <p>This is <sub>suscript</sub>code</p>
        <p>This is <big>big text</big></p>
        <p>This is <small>small text</small></p>

    </center>

</body>
</html>
```

To illustrate text formatting tags

This

This is *italized*

This is <u>underlined</u>

This is **bold**

This is *emphasised*

This is **Strong text**

This is ~~striked text~~

This is `computer code`

This is ^{superscript}code

This is $_{suscript}$code

Question 2b

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Nested and definition list</title>
</head>
<body>
    <center><p><b>To illustrate Nested and definition list tags</b></p><br></center>
    <hr>
    <left><b>An ordered nested list</b></left>
    <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>
    <p><b>A difinition list:</b>
    <dl>
        <dt>Bangalore</dt><dd>-capital cityof kamataka</dd>
        <dt>Mumbai</dt><dd> -capital city of Maharatshra</dd>
    </dl>
    </p>
</body>
</html>
```

To illustrate Nested and definition list tags

An ordered nested list

1. Coffee
2. Tea
      a. Black tea
      b. Green tea
         i. China
         ii. Africa
3. Milk

A difinition list:

Bangalore
     -capital cityof kamataka
Mumbai
     -capital city of Maharatshra

Question 3

```html
<html>
    <head>
    </head>
        <body>
            <table border="1" align="center" height="200px" width="500px">
                <tr>
                    <td colspan="4" align="center">Table Heading Cell Spanning 4 column</td>
                </tr>
                <tr>
                    <td>Normal cell</td>
                    <td colspan="2">Cell spanning 2 column</td>
                    <td>Normal cell</td>
                </tr>
                <tr>
                    <td rowspan="3" bgcolor="gray">Cell spanning 3<br>rows with gray<br>
                    (US spelling)<br>background</td>
                    <td>Normal cell</td>
                    <td>Normal cell</td>
                        <td>Normal cell</td>
                </tr>
                <tr>
                    <td>Normal cell</td>
                    <td colspan="2" rowspan="2">cell spanning 2 row and 2 columns</td>
                </tr>
                </tr>
                <tr>
                        <td>Normal cell</td>
                </tr>
            </tr>
        </table>

    </body>
```

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

Question 4

```html
<body>
    <fieldset>
    <legend> Academic information</legend>
        Degree:
        <select>
            <option>master of business and administration</option>
            <option>master of art with kiswahili </option>
            <option>master of art with foreign language</option>
            <option>master of LIBRARY</option>
        </select><BR>
        Student ID
        <input type="text" name="name"><br>
        Class attended
        <select>

            <option>Geography</option>
            <option>Physics</option>
            <option>Commerce</option>
        </select><BR>
    </fieldset>
    <fieldset>
        <legend>Personal Details</legend>
        First Name:<input type="text" name="nm"><br>
        Last Name:<input type="text" name="nam"><br>
        Gender:<input type="radio" name="gender">Male
        <input type="radio" name="gender">Female
        <br>
        Email:<input type="text" name="em">
    </fieldset><br>
    <textarea name="textarea" cols="40" rows="5">TERMS AND CONDITIONS...</textarea><BR><br>
        <input type="button" name="bt" value="Send Form">
        <input type="button" name="bt" value="Clear Form">
</body>
```

Academic information

Degree: [master of business and administration ▾]
Student ID [   ]
Class attended [Geography ▾]

Personal Details

First Name: [   ]
Last Name: [   ]
Gender: ○ Male ○ Female
Email: [   ]

```
TERMS AND CONDITIONS...



```

[Send Form] [Clear Form]

Question 5

```
</head>
    <body>
        <table border="1" align="center" height="200px" width="500px">
        <tr>
            <td colspan="2" align="center"><b>Pizza Shop 2.0</b></td>
        </tr>
        <tr>
            <td>Name</td>
            <td><input type="text" name="nm"</td>
        </tr>
        <tr>
            <td>Pizza Topping</td>
            <td><input type="radio" name="text">Supreme<br>
            <input type="radio" name="text">Supreme<br>
            <input type="radio" name="text">Vegetarian<br></td>
        </tr>
        <tr>
            <td>Pizza Sauce</td>
            <td><sele>
                <option>Tomato</option>
                <option>Potato</option>
            </sele></td>
        </tr>
        <tr>
            <td>Optional Extra</td>
            <td><input type="checkbox" name="ck">Extra Cheese<input type="checkbox" name="c">Gluten Free Bas
        </tr>
        <tr>
        <td colspan="2">Delivery Instruction:<br><textarea name="textarea" cols="70" rows="7"></textarea><BR
        <tr><td colspan="2"><input type="button" name="bt" value="Send my Order"></td>
        </tr>
        </tr>
        </table>
```

Pizza Shop 2.0	
Name	
Pizza Topping	○ Supreme ○ Supreme ○ Vegetarian
Pizza Sauce	Tomato Potato
Optional Extra	☐ Extra Cheese ☐ Gluten Free Base
Delivery Instruction:	
Send my Order	