**Lab Tutorial 01 – HTML Basics**

**Question 1:**

There are six levels of headings in HTML ranging from H1 to H6. Headings are defined with the <h1> to

<h6> tags.

*Headings Are Important*

Search engines use the headings to index the structure and content of your web pages. Users skim your pages by its headings. It is important to use headings to show the document structure. <h1> headings should be used for main headings, followed by <h2> headings, then the less important <h3>, and so on.

Create an html document (*headings.html*) using the following codes to display the different levels of

HTML Headings.

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Heading Types</title>

</head>

<body>

<h1>This is Heading 1</h1>

<h2>This is Heading 2</h2>

<h3>This is Heading 3</h3>

<h4>This is Heading 4</h4>

<h5>This is Heading 5</h5>

<h6>This is Heading 6</h6>

</body>

</html>

**Question 2:**

Formatting elements were designed to display special types of text:

<b> - Bold text

<strong> - Important text

<i> - Italic text

<em> - Emphasized text

<small> - Small text

<sub> - Subscript text

<sup> - Superscript text

Create an html document (*formattings.html*) using the following codes to display the different formatting elements for special types of text.

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Text Formatting</title>

</head>

<body>

This is <b>Bold</b><br /> This is <big>Big</big><br />

This is <em>Emphasized</em><br /> This is <i>Italics</i><br />

This is <small>Small</small><br /> This is <strong>Strong</strong><br /> This is <sub>Subscript</sub><br /> This is <sup>Superscript</sup>

<p> This is without preformatted tags:

for (var count=0; count<5; count++) {

document.write(count);

}

</p>

<pre> This is with preformatted tags:

for (var count=0; count<5; count++) {

document.write(count);

}

</pre>

</body>

</html>

**Question 3:**

Creating ORDERED and UNORDERED list in HTML.

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Use of Lists</title>

</head>

<body>

<p>This is an ordered list</p>

<ol>

<li>Red</li>

<li>Green</li>

<li>Blue</li>

</ol>

<p>This is an Un-ordered list</p>

<ul>

<li>Arts</li>

<li>Science </li>

<li>Engineering </li>

</ul>

</body>

</html>

**Question 4:**

Hyperlinks and Anchored links

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Use of Hyperlinks</title>

</head>

<body>

<p><a name=“top”>This page explains about hyperlinks</a></p>

<p>Line 01</p>

<p>Line 02</p>

<p>Line 03</p>

<p>Line 04</p>

<p>Line 05</p>

<p>Line 06</p>

<p>Line 07</p>

<p>Line 08</p>

<p>Line 09</p>

<p>Line 10</p>

<p>Line 11</p>

<p>Line 12</p>

<p>Line 13</p>

<p>Line 14</p>

<p>Line 15</p>

<p>Line 16</p>

<p>Line 17</p>

<p>Line 18</p>

<p>Line 19</p>

<p>Line 20</p>

<p>Line 21</p>

<p>Line 22</p>

<p>Line 23</p>

<p>Line 24</p>

<p>Line 25</p>

<p>Line 26</p>

<p>Line 27</p>

<p>Line 28</p>

<p>Line 29</p>

<p>Line 30</p>

<p><a href="#top">Go to the top</a></p>

<p><a href="http://www.tmc.com.sg">Go to TMC Web Site</a>

</body>

</html>

**Question 5:**

5A : Inserting images

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Embedding Images</title>

</head>

<body>

<p>This is to show how to embed an image</p>

<img src=".\image\TMCLogo.png" alt="TMC Logo" width="100" height="50">

</body>

</html>

5B : Using image as hyperlinks

<!DOCTYPE html>

<html>

<head>

<meta charset = ‘utf-8’>

<title>Embedding Images</title>

</head>

<body>

<p>This is to show how to embed an image</p>

<a href="http://www.tmc.com.sg">

<img src=".\image\TMCLogo.png" alt="TMC Logo" width="100" height="50">

</a>

</body>

</html>