Exercise 1

**Creating Paragraph and line break**

1. Create index.html file in your working folder.
2. Open the index file in your browser and arrange the Notepad and the browser windows so that both are visible. The index file displayed in the browser is currently blank.
3. In the Notepad window, type the following between the <body> and </body> tags:

< p> Welcome to Admas University Mekanisa campus! We hope you will find our campus a good place for you to become a better student. </p>

<p>Our campus located at:<br>  
 Nifasilk Lafto Sub-city<br>

Woreda 02 , House No 258<p>

<p> We are providing a quality education service to make our student competitive

in the market </p>

4. Save your work, and then press F5 or click the Refresh button at the right side of the Address bar to refresh the display in browser to see the result of the changes. Leave both windows open for the next exercise.

Exercise 2

**Including head tag**

On the previous index.html file,

1. Between the <head> and </head> tags, type the following to create the page title:

<title> Admas University </title>

1. After the title, type the following <meta> tag:

<meta name="keywords" content="Admas , University, Mekannisa, Olompy “ >

1. Press Enter to start a new line, and type the following <meta> tag:

<meta encoding="utf-8">

1. Save your work, and then view the file in the browser.

Exercise 3

**Creating Headings**

1. Immediately below the <body> tag, type the following:

<h1> Admas University </h1>

<h2> Get quality Education </h2>

##### Immediately above the line containing the text our campus located at, type the following:

##### <h2>Come See Our University<h2>

1. Save the file, and then refresh the browser to check your work. The new heading appears in the body of the page.

Exercise 4

**Bold and Italic formatting**

1. In the index file, locate the <h2> heading near the top of the document, and then enclose it in an *tag: <i> ..</i>*
2. *In the first body paragraph, enclose* ***Admas University*** *in a <b> </b>tag.*
3. Enclose the last paragraph with in <b> and <i> **and *tags***
4. *Save the file, and then refresh the browser display to view the results.*

Exercise 5

**Superscript and Subscript Formatting**

1. Before the word Nifasilk Lafto Sub-city add<sup> 1 </sup>
2. At the end of the last line of text, between the <b/> and /p> tags, insert a code for a 1 in superscript, as shown in the following:

<p><b><i> We are providing a quality education service to make our student

competitive in the market</i> </b><sub> 2 </sub> </p>

1. Save the file, and then refresh the page in browser to view the results

Exercise 6

**Formatting a Block Quotation**

**SET UP**

Open the poem.html and poemtext.txt files from ProjectWork\HTML folder in a separate Notepad.

1. In the poemtext file, select only the text below the poem (the heading and the biographical note) and copy.
2. In the poem.html file, click above the </body> tag, and then paste the copied text after the poem.
3. Enclose the text Brief Biography from Answers.com: in an <h4> tag.
4. Enclose the biographical note in a <p > tag:

<p> Stevenson was one of the most-read adventure novelists of the late 1800s. Among his most popular books were Kidnapped (1886), The Strange Case of Dr. Jekyll and Mr. Hyde (1886), and Treasure Island (1883). The latter book features Stevenson’s famous crafty pirate Long John Silver. Stevenson also published a much-loved book of poems, A Child’s Garden of Verse (1885). Having suffered from tuberculosis for much of his life, Stevenson spent many years travelling in search of a climate that would suit his illness. He finally settled in Samoa, where he died in 1894 and is buried. <p>

1. Immediately before the opening <p> tag in question 4, enter this opening

< blockquote> tag:

< blockquote cite=<http://www.answers.com/topic/robert-louis-stevenson>>

1. At the end of the paragraph, after the </p> tag, enter the closing </ blockquote> tag.
2. Save the poem file, and then display it in browser to check your work.

Exercise 7

**Creating Bulleted and Numbered Lists**

**SET UP**

Use the foliage.htm file in the practice file folder for this topic. Open the foliage file in Notepad and in browser.

1. Create the following numbered list above the

<ol>

<li> Yellow </li>

<li>Necrotic spots</li>

<li>White powder</li>

<li>Light and dark green areas</li>

<li>Holes or chewed areas</li>

</ol>

1. Save the file, and then refresh the browser display to view your work.
2. After the first item in the list, create a nested list, as shown in the following, and then save and check your work

<li>Yellow

<ul><li>Wet soil</li>

<li>Low fertility</li>

<li>Root rot pathogens</li>

<li>Roots cut or damaged<ul>

<li>Nematodes</li>

</ul>

</li>

1. Within the nested bulleted list, create another layer of nesting, as shown in the following, and then save and check your work.

**<**li>Yellow

<ul><li>Wet soil</li>

<li>Low fertility</li>

<li>Root rot pathogens</li>

<li>Roots cut or damaged

<ul>

<li>Gophers</li>

<li>Moles</li>

<li>Insects</li></ul></li>

<li>Nematodes</li></ul></li>

1. Change the opening tag of the top-level numbered list so that it uses uppercase Roman numerals.

< style="list-style-type: upper-roman">

**Note:-** See chapter 5 slide no 32 to another list-style-type.

1. Save and check your work.

Exercise 8

**Creating Definition Lists**

SET UP

Use the glossary.htm file in the practice file folder for this topic. Open the glossary file in Notepad and in browser.

1. In the <body> area, enter the following:

<h1> Gardening Terms</h1>

<p> Here are some useful gardening terms:</p>

1. After the text you just entered, create the following definition list:

**<dl>**

<dt> Acid Soil</dt>

<dd>Soil that is lower than 7.0 pH. Acidity is measured by the amount of calcium in

the soil. The opposite of acidic soil is alkaline soil. </dd>

<dt>Deciduous</dt>

<dd>A tree or plant that loses its leaves at the end of the growing season, such as a

maple tree. .</dd>

<dt> Fungus</dt>

<dd>A primitive, non-vascular, non-photosynthetic form of plant life. Examples include

mildews, molds, and mushrooms. </dd>

<dt> Nematode</dt>

<dd>A microscopic roundworm that lives in the soil. There are both harmful and

beneficial nematodes. Harmful ones take their toll on the roots of the plant. .</dd>

</dl>

1. Save the file, and then refresh the Internet Explorer display to view your work

Exercise 9

**Inserting Special Characters**

SET UP

Use the index.htm file in the first Exercise. Open the index file in Notepad and in browser.

1. Add copyright and trademark symbols to the copyright notice at the bottom of the file.

<p> Copyright &copy 2012 The Garden Company &trade; <br>

No material may be reproduced without written permission </p>

1. Save the file, and then refresh the browser display to check your work

**Note: -** See chapter 5 slide no 34 for other special characters.

Exercise 10

**Inserting Horizontal Lines**

SET UP

Use the index.htm file in the first Exercise. Open the index file in Notepad and in browser

1. Immediately above the copyright notice, add this tag:

< hr style="color: green; background-color: green; height: 3">

1. Copy and paste that same tag immediately below the <h2> heading near the

top.

3. Save the file, and then refresh the browser display to check your work.

Exercise 11

**Choosing Background and Foreground Colors**

SET UP

Use the foliage.htm file in the practice file folder for this topic. Open the foliage file in Notepad and in browser

1. Add the following style attribute to the <body> tag:

<body style="color: green; background-color: beige">

1. Save the file, and then refresh the browser display to check your work. The Web page text should now be green, and the page background should be beige.

Exercise 12

**Specifying a Background Image File**

SET UP

Use the foliage.htm and stucco.jpg files in the practice file folder for this topic. Open the foliage file in Notepad and in browser.

1. Replace the existing opening <body> tag with this one:

<body style="background-image: url(stucco.jpg); background-color: beige">

1. Save the file, and then refresh the browser display to check your work

Exercise 13

**Creating Hyperlinking to Anchors**

SET UP

Use the spray.htm and link.htm files in the practice file folder for this topic. Open the spray file in Notepad and in your browser.

1. Locate the Equipment heading (not the list item), enclose it with an anchor tag, and include equipment with the name= attribute.

**<a name =”equipment”> <h2> equipment”> </h2></a>**

1. **Repeat step 1 for the other <h2> level headings in the document, using the lowercase title of each one as the anchor name.**

**<a name =” mixing”> Mixing</h2></a>**

**<a name =” spraying”> Spraying</h2></a>**

**<a name =” cleanup”> Cleanup</h2></a>**

1. **In the bulleted list at the top of the document, create a hyperlink from the Equipment list item to the corresponding heading.**

**<a href=”#equipment”><li>Equipment</li><a>**

1. **Repeat step 3 for each of the other list items.**

**<a href=”# mixing”><li> Mixing </li><a>**

**<a href=”# spraying”><li> Spraying </li><a>**

**<a href=”# cleanup”><li> Cleanup </li><a>**

1. Save the file, and then refresh your browser display.
2. Click each of the hyperlinks in the bulleted list; click the **Back** button after each one to return to the top of the page.
3. Open the index file in Notepad.
4. Under HTML version, link each of the bulleted list items to the corresponding anchor point you created in the spray file.

<ul><li> <a href=”spray.htm”>HTML Version</a>

<ul><a href=”spray.htm#Equipment”><li>Equipment<li></a>

<a href=”spray.htm#Mixing”><li> Mixing </></a>

<a href=”spray.htm#Spraying ”><li>Spraying</li></a>

<a href=”spray.htm#Cleaning ”><li>Cleaning</li></a>

</ul>

</li>

</ul>

1. Save the file and refresh the browser.
2. Click each of the hyperlinks. Click the Back button after each one to return to the referring Web page

Exercise 14

**Hyperlinking to Other Content**

SET UP

Use the link.htm, spray.htm, and spray.doc files in the practice file folder for this topic.

Open the index file in Notepad and in Internet Explorer.

1. In the index file, locate the list item Microsoft Word version and enclose it with an <a> tag that points to the spray document.

<li><a href=”spray.doc”> [Microsoft Word version](spray.doc) </a></li>

1. After the hyperlink to the Word document, add a hyperlink that references the downloadable Microsoft Word viewer.

<li> <a href="spray.doc">Microsoft Word version - < a href=”http://www.microsoft.com/downloads/en/defult.aspx “> [(Download free Word viewer)<](%0d%0ahttp:/www.microsoft.com/downloads/en/default.aspx%20) /a>,/li>

1. Save the file, and then refresh the browser display
2. In the browser, click Download free Word viewer and confirm that the Microsoft Download Center page appears. If it does not, you have probably made a typographical error in the hyperlink; make corrections if needed.
3. Click the Back button to return to the referring page, and then click Microsoft Word version.
4. 6. If a dialog box appears prompting you to save or open the file, click Open in Word 97 - 2003, or whatever variant of Open the dialog box shows.

Depending on the Windows version and browser, the dialog box wording might vary. Here’s how it looks in Windows 7 with browser:

1. The spray document opens in Word.

Exercise 15

**Insert graphics**

**SET UP**

Use the *image.htm* file in the practice folder for this topic. Open the *image* file in Microsoft Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. Immediately after the opening *<body>* tag, add the following:

**<img src="images/leaf.gif">**

1. Save the file, and then refresh Internet Explorer.
2. Modify the code to float the image to the left.

<img src="images/leaf.gif" **style="float: left"**>

1. Save the file, and then refresh Internet Explorer to check your work

Exercise 16

**Insert graphics**

**SET UP**

Use the *image.htm* file in the practice file folder for this topic. Open the *image* file in Notepad and browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. Examine the document in Internet Explorer. Notice the placement of the text in relation to the graphic.
2. In Notepad, add a *clear* style rule to the *<hr>* tag near the top:

<hr **style="clear: left"**>

1. Save the file, and then refresh Internet Explorer.

The horizontal line, and everything that follows it, appears below the graphic.

Exercise 17

**Insert graphics**

**SET UP**

Use the *image2.htm* and *spray2.htm* files in the practice file folder for this topic. Open the index file in Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. In Notepad, edit the *<img>* tag for the graphic so that the image is exactly 70 pixels in height.

<img src="images/lg-leaf.gif" style="float: left" **height="70"**>

1. Add a margin of five pixels to the image.

<img src="images/lg-leaf.gif" style="float: left**; margin: 5px**" height="70">

1. Save the file, and then refresh browser.
2. Open the *spray* file in Notepad and in browser.

Notice in browser the graphic is too large, and the text wraps around it too tightly.

1. Edit the *<img>* tag so that the image is 350 pixels in width and has 15 pixels of padding.

<img src="images/apple.png" style="float: left**; padding: 15px**" **width="350"**>

**Note** You could use *margin* instead of *padding* in this step.

1. Save the file, and then refresh browser.
2. Edit the *<img>* tag so that the image floats to the right.

<img src="images/apple.png" style="float: **right**; padding: 15px" width="350">

1. Save the file, and then refresh browser.

Exercise 18

**Hyperlink graphics**

**SET UP**

Use the *imageLink.htm* file in the practice file folder for this topic. Open the *imageLink* file in Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. In Notepad, add an *<a>* tag around the *<img>* tag that hyperlinks to *www.contoso.com.* Specify a link title of **Home page**, as shown in bold text in the following:

**<a href="http://www.contoso.com" title="Home page">**

<img src="images/lg-leaf.gif" style="float: left; margin: 5px;" height="70">

**</a>**

1. Save the file, and then refresh browser.
2. In browser, move the mouse over the graphic to display the ScreenTip.

Notice that the graphic has a border around it.

1. Remove the border by adding *border: none* to the style rule.

<a href="http://www.contoso.com" title="Home page">

<img src="images/lg-leaf.gif" style="float: left; margin: 5px; **border: none**" height="70">

</a>

1. Save the file, and then refresh browser

Exercise 19

**Utilize thumbnail graphics**

**SET UP**

Use the *foliagethumbnails.htm* file in the practice file folder for this topic. Open the *foliagethumbnails* file in Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. In Notepad, enclose each of the images in a hyperlink that opens its full-size counterpart in a new window.

**<a href="images/yellow.jpg" target="\_blank">**<img src="images/sm\_yellow.jpg" style="border: none">**</a>**

**<a href="images/necrotic.jpg" target="\_blank">**<img src="images/sm\_necrotic.jpg" style="border: none">

**</a>**

**<a href="images/powder.jpg" target="\_blank">**<img src="images/sm\_powder.jpg" style="border: none">**</a>**

**<a href="images/lightdark.jpg" target="\_blank">**<img src="images/sm\_lightdark.jpg" style="border: none">**</a>**

**<a href="images/holes.jpg" target="\_blank">**<img src="images/sm\_holes.jpg" style="border: none">**</a>**

1. Save the file, and then refresh browser. Test each graphic’s hyperlink to make sure it works.
2. Add a ScreenTip to each hyperlink by inserting a *title* attribute:

<a href="images/yellow.jpg" target="\_blank" **title="Yellow"**><img src="images/

sm\_yellow.jpg" style="border: none"></a>

<a href="images/necrotic.jpg" target="\_blank" **title="Necrotic spots"**><img

src="images/sm\_necrotic.jpg" style="border: none"></a>

<a href="images/powder.jpg" target="\_blank" **title="White powder"**><img

src="images/sm\_powder.jpg" style="border: none"></a>

<a href="images/lightdark.jpg" target="\_blank" **title="Light and dark green**

**areas"**><img src="images/sm\_lightdark.jpg" style="border: none"></a>

<a href="images/holes.jpg" target="\_blank" **title="Holes or chewed**

**areas"**><img src="images/sm\_holes.jpg" style="border: none"></a>

1. Save the file, and then refresh browser. Hover your mouse over each graphic to make sure the correct ScreenTip appears.

Exercise 20

**Utilize thumbnail graphics**

**SET UP**

Use the *sprayAlt.htm* file in the practice file folder for this topic. Open the *sprayAlt* file in Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. In Notepad, add an *alt* attribute to the *<img>* tag.

<img src="images/apple1.png" style="float: right; padding: 15px" width="350"

**alt="Apples on tree"**>

1. Save your work.

Exercise 21

**Add figure captions**

**SET UP**

Use the *foliageCaption.htm* file in the practice file folder for this topic. Open the *foliageCaption* file in Notepad and in browser.

**Important** If you copy the practice files for this exercise to some other location, you must also copy the default.css file and the images folder for the practice files to work properly.

1. In Notepad, add an opening *<figure>* tag immediately above the first image’s tag.

**<figure>**

<a href="images/yellow.jpg" target="\_blank" title="Yellow"><img src="images/

sm\_yellow.jpg" style="border: none"></a>

1. Add a closing *</figure>* tag immediately below the last image’s tag.

<a href="images/holes.jpg" target="\_blank" title="Holes or chewed areas"><img src="images/sm\_holes.jpg" style="border: none"></a>

**</figure>**

1. Add a *<br>* and a *<figurecaption>* tag immediately above the closing *</figure>* tag.

<a href="images/holes.jpg" target="\_blank" title="Holes or chewed

areas"><img src="images/sm\_holes.jpg" style="border: none"></a>

**<br>**

**<figurecaption>From left to right: Yellow, Necrotic Spots, White Powder,**

**Light and Dark Green Areas, Holes or Chewed Areas**

**</figurecaption>**

</figure>

1. In the *<style>* tag in the document’s *<head>* section, add the following line:

**figurecaption {font-size: 12px; font-style: italic}**

1. Save the file, and then refresh browser to check your work.