

Name: _____ **ID Number:** _____

OBJECTIVES: *By the end of this worksheet you will be able to add colour to the background and fonts.*

You will need to use the following software

- Your internet browser
- Notepad (Start / Programs / Accessories)

Steps 11 – 12 - More formatting

Step 11 - Concept: *Change text and background color for the entire page*

Explanation 1: The simplest method.

- The easiest way to change the background and font colour is to create a simple style sheet within the head tags. To do this you set up the style sheet using style tags like these: `<style>.....</style>`.
- You then specify the color of the background like this *background: orange* and the color of the text like this *color: blue*. Using this method you can only specify certain color. This is all contained in these brackets `{ }`. Look at the example below.

```
<HTML>
  <HEAD>
    <TITLE>Vance's web page</TITLE>
    <STYLE> body {background: orange; color: blue; } </STYLE>

  </HEAD>

  <BODY>
    <P> <A HREF="starthere.htm">Go back to the Table of Contents</A><BR>
    <A HREF="http://www.vancestevens.com/vance.htm">More aboutVance</A></P>
    <HR><CENTER><P><FONT SIZE="+1">Hi, my name is Vance.</FONT ><BR>
    <I>'m a teacher.</I></P>
    <P><IMG SRC="vance.gif"></P></CENTER>
  </BODY>
</HTML>
```

- Here we only specify certain colors. If you want the color to be more specific, you have to use the following method.

Explanation 2: The detailed method.

- Colors for background and text are given in sets of six hexadecimal digits: 0 1 2 3 4 5 6 7 8 9 A B C D E F. For example, black is the smallest hexadecimal value #000000 and white is the largest #FFFFFF. Changes to any of the 6 values will result in display of different colors.
- Webmonkey shows a short list of color codes here:
http://hotwired.lycos.com/webmonkey/reference/color_codes/

- First, you'll have to find the exact color you want the background and text changed to. Then place the hexadecimal code after the background in the style sheet for the background you want and after color for the text color you would like.
- You can also use the FONT tag to change text color certain text. Use the tags and tags and this will change the color of the text between the tags.

```

<HTML>
  <HEAD>
    <TITLE>Vance's web page</TITLE>
    <STYLE> body {background: #000000; color: #ffffff; } </STYLE>
  </HEAD>

  <BODY>
    <P> <A HREF="starthere.htm">Go back to the Table of Contents</A><BR>
    <A HREF="http://www.vancestevens.com/vance.htm">More about Vance</A></P>
    <HR><CENTER><P><FONT SIZE="+1">Hi, my name is Vance.</FONT ><BR>
    <FONT COLOR ="blue"><I>"I'm a teacher.</I></FONT></P>
    <P><IMG SRC="vance.gif"></P></CENTER>
  </BODY>
</HTML>

```

Action:

- Make changes to the back ground color and font colors using the tags and methods you have been shown above. Choose appropriate colors for your html document.

Step 12a - Concept: Change background to a .gif or .jpg image for the entire page

- To do this, remove the style sheet you created earlier.
- Find a suitable background image. There are many on the Internet, if you do a search in Google for "background images". If you use your own photograph, **you will probably run into problems with its size**, so it's good to find a suitable one.
- After the <body> tag, type this <body background="name of image.gif">. If you then want a different text color, you can use the tag.

```

<HTML>
  <HEAD>
    <TITLE>Vance's web page</TITLE>
  </HEAD>

  <BODY>
    <body background="bluewhitemarb.gif"><font color="black">
    <P> <A HREF="starthere.htm">Go back to the Table of Contents</A><BR>
    <A HREF="http://www.vancestevens.com/vance.htm">More about Vance</A></P>
    <HR><CENTER><P><FONT SIZE="+1">Hi, my name is Vance.</FONT ><BR>
    <FONT COLOR ="blue"><I>"I'm a teacher.</I></FONT></P>
    <P><IMG SRC="vance.gif"></P></CENTER>
  </BODY>
</HTML>

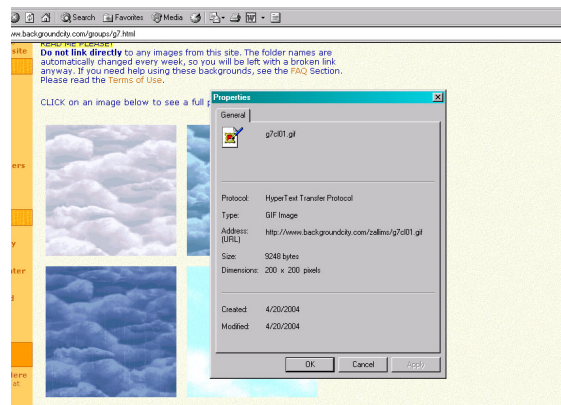
```

Action:

- Delete the style sheet in your html document. Then go to the lessons folder and copy either the 'clouds.gif' or 'bluwhitemarb.gif' to your html folder.
- Using the method shown above, make the image you have chosen the background for your html document.
- Now try making **an image you have** as a background. (If you haven't got one, copy boulder from the lessons folder.
- You will see that it probably does not fit very well – so, use the backgrounds you get from the Internet as they look much better!!

Step 12b - Concept: Change background to an image from the Internet for the entire page

- Find a suitable background image on the Internet. So, go back to your search in Google for “background images”. Go to a URL and select an image. Right click on the image and select properties. You will get the same as the picture below.



- Select the URL address of the picture and then copy it. Paste it between the quotation marks in your body background tags, like below. This will now be your background. If you use this method and one day your background disappears, it means the address of the image has **changed!!**

```
<HTML>
  <HEAD>
    <TITLE>Vance's web page</TITLE>
  </HEAD>

  <BODY>
    <body background=" http://www.backgroundcity.com/zallms/g7cl01.gif"><font color="black">
      <P> <A HREF="starthere.htm">Go back to the Table of Contents</A><BR>
      <A HREF="http://www.vancestevens.com/vance.htm">More about Vance</A></P>
      <HR><CENTER><P><FONT SIZE="+1">Hi, my name is Vance.</FONT ><BR>
      <FONT COLOR ="blue"><I>"I'm a teacher.</I></FONT></P>
      <P><IMG SRC="vance.gif"></P></CENTER>
    </BODY>
</HTML>
```

Action:

- Do exactly the same as above for your html document.

