

# CCA-104: Web Technologies

## Assignment

### Part 1

#### Q1. Write html and css for the following using div

#### ANS.

This short tutorial is meant for people who want to start using CSS and have never written a CSS style sheet before.

It does not explain much of CSS. It just explains how to create an HTML file, a CSS file and how to make them work together. After that, you can read any of a number of other tutorials to add more features to the HTML and CSS files. Or you can switch to using a dedicated HTML or CSS editor, that helps you set up complex sites.

At the end of the tutorial, you will have made an HTML file that looks like this:

*The resulting HTML page, with colors and layout, all done with CSS.*

Note that I don't claim that this is beautiful 😊



Sections that look like this are *optional*. They contain some extra explanation of the HTML and CSS codes in the example. The “alert!” sign at the start indicates that this is more advanced material than the rest of the text.

## STEP 1: WRITING THE HTML

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For this tutorial, I suggest you use only the very simplest of tools. E.g., Notepad (under Windows), TextEdit (on the Mac) or KEdit (under KDE) will do fine. Once you understand the principles, you may want to switch to more advanced tools, or even to commercial programs, such as Style Master, Dreamweaver or GoLive. But for your very first CSS style sheet, it is good not to be distracted by too many advanced features.

Don't use a wordprocessor, such as Microsoft Word or OpenOffice. They typically make files that a Web browser cannot read. For HTML and CSS, we want simple, plain text files.

Step 1 is to open your text editor (Notepad, TextEdit, KEdit, or whatever is your favorite), start with an empty window and type the following:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

</head>

<body>

<!-- Site navigation menu -->

<ul class="navbar">

  <li><a href="index.html">Home page</a>

  <li><a href="musings.html">Musings</a>

  <li><a href="town.html">My town</a>

  <li><a href="links.html">Links</a>

</ul>

<!-- Main content -->

<h1>My first styled page</h1>

<p>Welcome to my styled page!

<p>It lacks images, but at least it has style.
And it has links, even if they don't go
anywhere&hellip;

<p>There should be more here, but I don't know
what yet.

<!-- Sign and date the page, it's only polite! -->

<address>Made 5 April 2004<br>
```

```
by myself.</address>

</body>

</html>
```

In fact, you don't have to type it: you can copy and paste it from this Web page into the editor.

(If you are using TextEdit on the Mac, don't forget to tell TextEdit that the text is really plain text, by going to the Format menu and selecting “Make plain text”).)



The first line of the HTML file above tells the browser which type of HTML this is (DOCTYPE means DOcument TYPE). In this case, it is HTML version 4.01.

Words within < and > are called *tags* and, as you can see, the document is contained within the <html> and </html> tags. Between <head> and </head> there is room for various kinds of information that is not shown on screen. So far it contains the title of the document, but later we will add the CSS style sheet there, too.

The <body> is where the actual text of the document goes. In principle, everything in there will be displayed, except for the the text inside <!-- and -->, which serves as a comment to ourselves. The browser will ignore it.

Of the tags in the example, <ul> introduces an “Unordered List”, i.e., a list in which the items are not numbered. The <li> is the start of a “List Item.” The <p> is a “Paragraph.” And the <a> is an “Anchor,” which is what creates a hyperlink.



[New Document][modified] - KEdit



File Edit Go Tools Settings Help



```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">
```

```
<html>
```

```
<head>
```

```
  <title>My first styled page</title>
```

```
</head>
```

```
<body>
```

```
<!-- Site navigation menu -->
```

```
<ul class="navbar">
```

```
  <li><a href="index.html">Home page</a>
```

```
  <li><a href="musings.html">Musings</a>
```

```
  <li><a href="town.html">My town</a>
```

```
  <li><a href="links.html">Links</a>
```

```
</ul>
```

```
<!-- Main content -->
```

```
<div class="content">
```

INS

Line: 22 Col: 47



If you want to know what the names in `<...>` mean, one good place to start is *Getting started with HTML*. But just a few words about the structure of our example HTML page.

- The “ul” is a list with one hyperlink per item. This will serve as our “site navigation menu,” linking to the other pages of our (hypothetical) Web site. Presumably, all pages on our site have a similar menu.
- The “h1” and “p” elements form the unique content of this page, while the signature at the bottom (“address”) will again be similar on all pages of the site.

Note that I didn't close the “li” and “p” elements. In HTML (but not in XHTML), it is allowed to omit the `</li>` and `</p>` tags, which I did here, to make the text a little easier to read. But you may add them, if you prefer.

Let's assume that this is going to be one page of a Web site with several similar pages. As is common for current Web pages, this one has a menu that links to other pages on the hypothetical site, some unique content and a signature.

Now select “Save As...” from the File menu, navigate to a directory/folder where you want to put it (the Desktop is fine) and save the file as “mypage.html”. Don't close the editor yet, we will need it again.

(If you are using TextEdit on Mac OS X before version 10.4, you will see an option Don't append the .txt extension in the Save as dialog. Select that option, because the name “mypage.html” already includes an extension. Newer versions of TextEdit will notice the .html extension automatically.)

Next, open the file in a browser. You can do that as follows: find the file with your file manager (Windows Explorer, Finder or Konqueror) and click or double click the “mypage.html” file. It should open in your default Web browser. (If it does not, open your browser and drag the file to it.)

As you can see, the page looks rather boring...

## STEP 2: ADDING SOME COLORS

---

You probably see some black text on a white background, but it depends on how the browser is configured. So one easy thing we can do to make the page more stylish is to add some colors. (Leave the browser open, we will use it again later.)

We will start with a style sheet embedded inside the HTML file. Later, we will put the HTML and the CSS in separate files. Separate files is good, since it

makes it easier to use the same style sheet for multiple HTML files: you only have to write the style sheet once. But for this step, we just keep everything in one file.

We need to add a `<style>` element to the HTML file. The style sheet will be inside that element. So go back to the editor window and add the following five lines in the head part of the HTML file. The lines to add are shown in red.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

  <style type="text/css">

    body {

      color: purple;

      background-color: #d8da3d }

  </style>

</head>

<body>

[etc.]
```

The first line says that this is a style sheet and that it is written in CSS (“text/css”). The second line says that we add style to the “body” element. The third line sets the color of the text to purple and the next line sets the background to a sort of greenish yellow.



Style sheets in CSS are made up of *rules*. Each rule has three parts:

1. the *selector* (in the example: “body”), which tells the browser which part of the document is affected by the rule;
2. the *property* (in the example, 'color' and 'background-color' are both properties), which specifies what aspect of the layout is being set;
3. and the *value* ('purple' and '#d8da3d'), which gives the value for the style property.

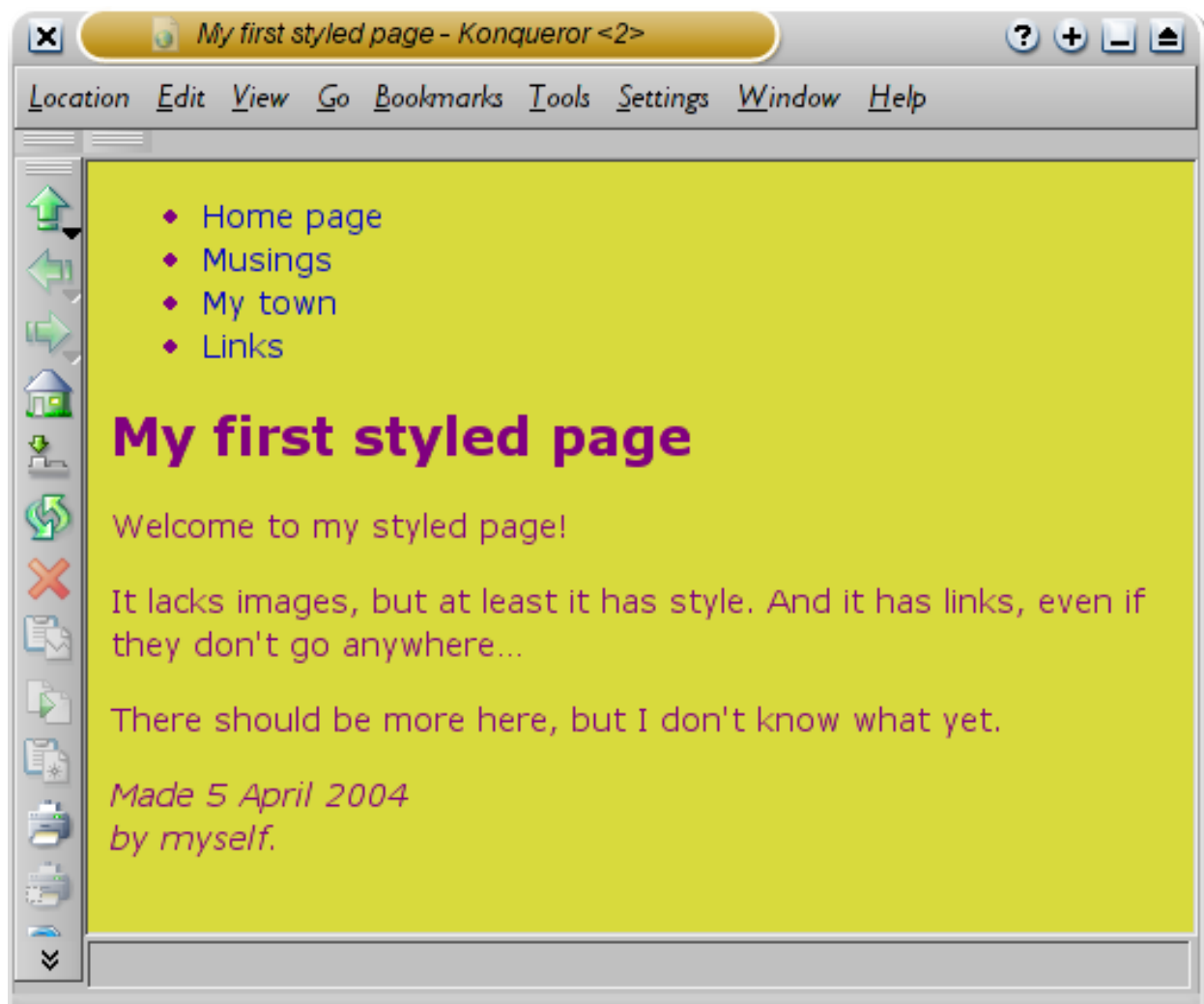
The example shows that rules can be combined. We have set two properties, so we could have made two separate rules:

```
body { color: purple }  
  
body { background-color: #d8da3d }
```

but since both rules affect the body, we only wrote “body” once and put the properties and values together. For more about selectors, see [chapter 2](#) of *Lie & Bos*.

The background of the body element will also be the background of the whole document. We haven't given any of the other elements (p, li, address...) any explicit background, so by default they will have none (or: will be transparent). The 'color' property sets the color of the text for the body element, but all other elements inside the body inherit that color, unless explicitly overridden. (We will add some other colors later.)

Now save this file (use “Save” from the File menu) and go back to the browser window. If you press the “Reload” button, the display should change from the “boring” page to a colored (but still rather boring) page. Apart from the list of links at the top, the text should now be purple against a greenish yellow background.



*How one browser shows the page now that some colors have been added.*



Colors can be specified in CSS in several ways. This example shows two of them: by name (“purple”) and by hexadecimal code (“#d8da3d”). There are about 140 color names and the hexadecimal codes allow for over 16 million colors. Adding a touch of style explains more about these codes.

## STEP 3: ADDING FONTS

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Another thing that is easy to do is to make some distinction in the fonts for the various elements of the page. So let's set the text in the “Georgia” font, except for the h1 heading, which we'll give “Helvetica.”

On the Web, you can never be sure what fonts your readers have on their computers, so we add some alternatives as well: if Georgia is not available, Times New Roman or Times are also fine, and if all else fails, the browser may use any other font with serifs. If Helvetica is absent, Geneva, Arial and SunSans-Regular are quite similar in shape, and if none of these work, the browser can choose any other font that is serif-less.

In the text editor add the following lines:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

  <style type="text/css">

    body {

      font-family: Georgia, "Times New Roman",

        Times, serif;

      color: purple;

      background-color: #d8da3d }

    h1 {

      font-family: Helvetica, Geneva, Arial,

        SunSans-Regular, sans-serif }

  </style>

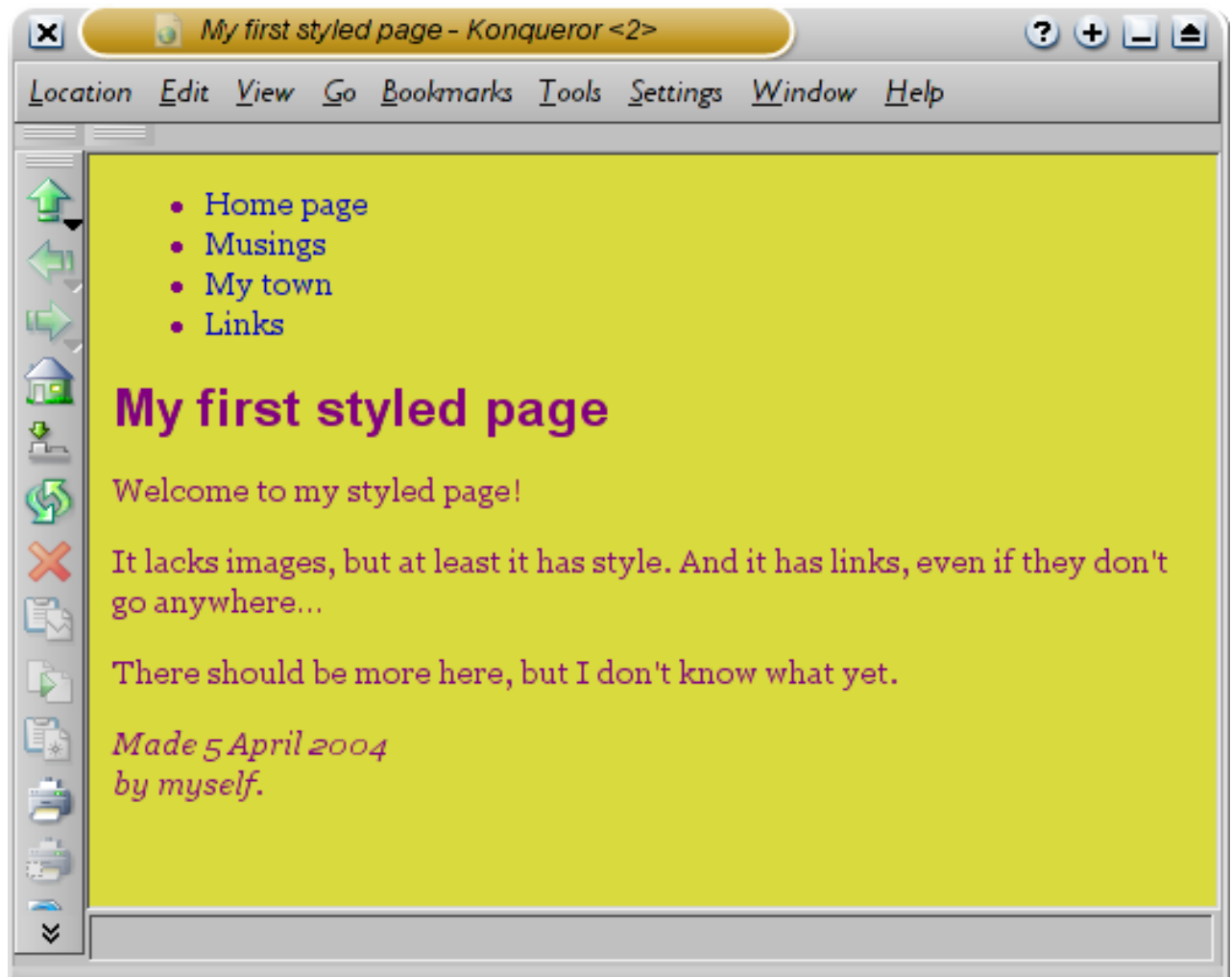
</head>
```



<body>

[etc.]

If you save the file again and press “Reload” in the browser, there should now be different fonts for the heading and the other text.



*Now the main text has a different font from the heading.*

## STEP 4: ADDING A NAVIGATION BAR

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The list at the top of the HTML page is meant to become a navigation menu. Many Web sites have some sort of menu along the top or on the side of the page and this page should have one as well. We will put it on the left side, because that is a little more interesting than at the top...

The menu is already in the HTML page. It is the `<ul>` list at the top. The links in it don't work, since our “Web site” so far consists of only one page, but that doesn't matter now. On a real Web site, there should not be any broken links, of course.

So we need to move the list to the left and move the rest of the text a little to the right, to make room for it. The CSS properties we use for that are 'padding-left' (to move the body text) and 'position', 'left' and 'top' (to move the menu).

There are other ways to do it. If you look for “column” or “layout” on the Learning CSS page, you will find several ready-to-run templates. But this one is OK for our purposes.

In the editor window, add the following lines to the HTML file:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

  <style type="text/css">

    body {

      padding-left: 11em;

      font-family: Georgia, "Times New Roman",

        Times, serif;

      color: purple;

      background-color: #d8da3d }

    ul.navbar {

      position: absolute;

      top: 2em;

      left: 1em;
```

```

width: 9em }

h1 {
    font-family: Helvetica, Geneva, Arial,
                SunSans-Regular, sans-serif }

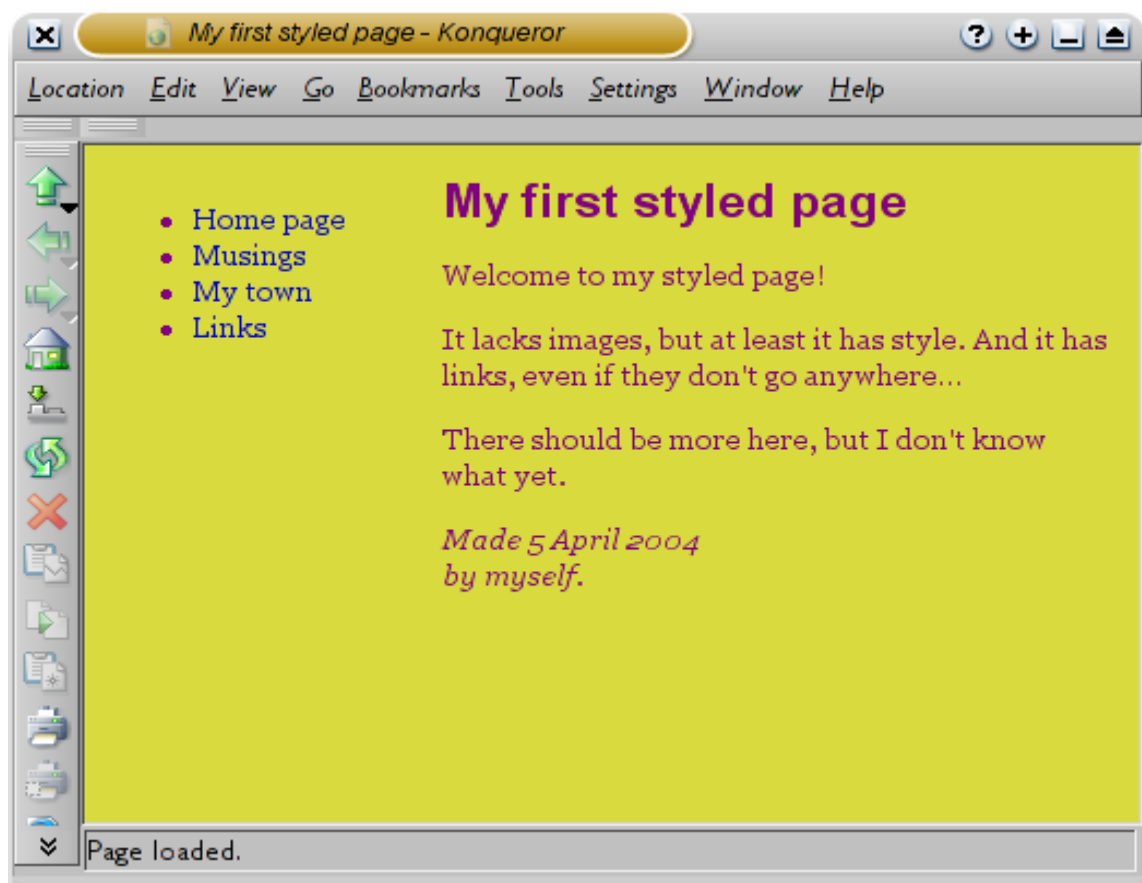
</style>
</head>

<body>

[etc.]

```

If you save the file again and reload it in the browser, you should now have the list of links to the left of the main text. That already looks much more interesting, doesn't it?



*The main text has been moved over to the right and the list of links is now to the left of it, instead of above.*



The 'position: absolute' says that the ul element is positioned independently of any text that comes before or after it in the document and the 'left' and 'top' indicate what that position is. In this case, 2em from the top and 1em from the left side of the window.

'2em' means 2 times the size of the current font. E.g., if the menu is displayed with a font of 12 points, then '2em' is 24 points. The 'em' is a very useful unit in CSS, since it can adapt automatically to the font that the reader happens to use. Most browsers have a menu for increasing or decreasing the font size: you can try it and see that the menu increases in size as the font increases, which would not have been the case, if we had used a size in pixels instead.

## STEP 5: STYLING THE LINKS

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The navigation menu still looks like a list, instead of a menu. Let's add some style to it. We'll remove the list bullet and move the items to the left, to where the bullet was. We'll also give each item its own white background and a black square. (Why? No particular reason, just because we can.)

We also haven't said what the colors of the links should be, so let's add that as well: blue for links that the user hasn't seen yet and purple for links already visited:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

  <style type="text/css">

    body {

      padding-left: 11em;

      font-family: Georgia, "Times New Roman",

        Times, serif;

      color: purple;

      background-color: #d8da3d }

    ul.navbar {

      list-style-type: none;

      padding: 0;
```

```

margin: 0;

position: absolute;

top: 2em;

left: 1em;

width: 9em }

h1 {

    font-family: Helvetica, Geneva, Arial,

        SunSans-Regular, sans-serif }

ul.navbar li {

    background: white;

    margin: 0.5em 0;

    padding: 0.3em;

    border-right: 1em solid black }

ul.navbar a {

    text-decoration: none }

a:link {

    color: blue }

a:visited {

    color: purple }

</style>

</head>

<body>

[etc.]

```



Traditionally, browsers show hyperlinks with underlines and with colors. Usually, the colors are similar to what we specified here: blue for links to pages that you haven't visited yet (or visited a long time ago), purple for pages that you have already seen.

In HTML, hyperlinks are created with `<a>` elements, so to specify the color, we need to add a style rule for "a". To differentiate between visited and unvisited links, CSS provides two "pseudo-classes" (`:link` and `:visited`). They are called "pseudo-classes" to distinguish them from class *attributes*, that appear in the HTML directly, e.g., the `class="navbar"` in our example.

## STEP 6: ADDING A HORIZONTAL LINE

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The final addition to the style sheet is a horizontal rule to separate the text from the signature at the bottom. We will use 'border-top' to add a dotted line above the <address> element:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">

<html>

<head>

  <title>My first styled page</title>

  <style type="text/css">

    body {

      padding-left: 11em;

      font-family: Georgia, "Times New Roman",

        Times, serif;

      color: purple;

      background-color: #d8da3d }

    ul.navbar {

      list-style-type: none;

      padding: 0;

      margin: 0;

      position: absolute;

      top: 2em;

      left: 1em;

      width: 9em }

    h1 {

      font-family: Helvetica, Geneva, Arial,

        SunSans-Regular, sans-serif }

    ul.navbar li {

      background: white;

      margin: 0.5em 0;

      padding: 0.3em;
```

```
border-right: 1em solid black }

ul.navbar a {

    text-decoration: none }

a:link {

    color: blue }

a:visited {

    color: purple }

address {

    margin-top: 1em;

    padding-top: 1em;

    border-top: thin dotted }

</style>

</head>

<body>

[etc.]
```

Now our style is complete. Next, let's look at how we can put the style sheet in a separate file, so that other pages can share the same style.

## STEP 7: PUTTING

---

### THE STYLE SHEET IN A SEPARATE FILE

We now have an HTML file with an embedded style sheet. But if our site grows we probably want many pages to share the same style. There is a better method than copying the style sheet into every page: if we put the style sheet in a separate file, all pages can point to it.

To make a style sheet file, we need to create another empty text file. You can choose “New” from the File menu in the editor, to create an empty window. (If you are using TextEdit, don't forget to make it plain text again, using the Format menu.)

Then cut and paste everything that is inside the `<style>` element from the HTML file into the new window. Don't copy the `<style>` and `</style>`

themselves. They belong to HTML, not to CSS. In the new editor window, you should now have the complete style sheet:

```
body {  
  
    padding-left: 11em;  
  
    font-family: Georgia, "Times New Roman",  
        Times, serif;  
  
    color: purple;  
  
    background-color: #d8da3d }  
  
ul.navbar {  
  
    list-style-type: none;  
  
    padding: 0;  
  
    margin: 0;  
  
    position: absolute;  
  
    top: 2em;  
  
    left: 1em;  
  
    width: 9em }  
  
h1 {  
  
    font-family: Helvetica, Geneva, Arial,  
        SunSans-Regular, sans-serif }  
  
ul.navbar li {  
  
    background: white;  
  
    margin: 0.5em 0;  
  
    padding: 0.3em;  
  
    border-right: 1em solid black }  
  
ul.navbar a {  
  
    text-decoration: none }  
  
a:link {  
  
    color: blue }  
  
a:visited {  
  
    color: purple }
```



```
address {  
  
    margin-top: 1em;  
  
    padding-top: 1em;  
  
    border-top: thin dotted }
```

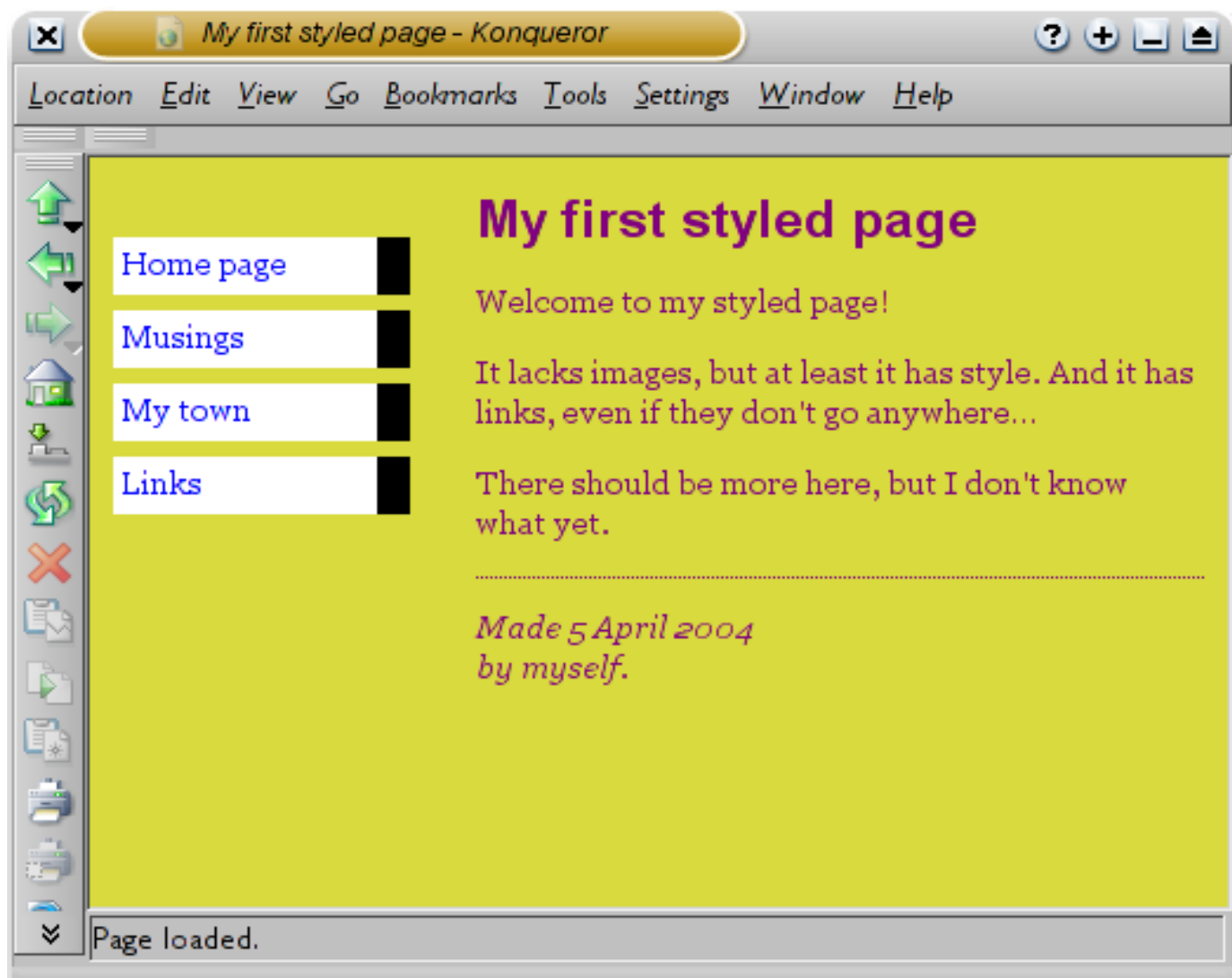
Choose “Save As...” from the File menu, make sure that you are in the same directory/folder as the mypage.html file, and save the style sheet as “mystyle.css”.

Now go back to the window with the HTML code. Remove everything from the <style> tag up to and including the </style> tag and replace it with a <link> element, as follows:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN">  
  
<html>  
  
<head>  
  
    <title>My first styled page</title>  
  
    <link rel="stylesheet" href="mystyle.css">  
  
</head>  
  
<body>  
  
[etc.]
```

This will tell the browser that the style sheet is found in the file called “mystyle.css” and since no directory is mentioned, the browser will look in the same directory where it found the HTML file.

If you save the HTML file and reload it in the browser, you should see no change: the page is still styled the same way, but now the style comes from an external file.



*The final result*

The next step is to put both files, mypage.html and mystyle.css on your Web site. (Well, you might want to change them a bit first...) But how to do that depends on your Internet provider.

## Q 2. Write html for the following table

**ANS.**

<HTML>

<HEAD>

<TITLE>COMPUTER PAPER ANALYSIS <TITLE>

</HEAD>

```
<TABLE BORDER = 2 WIDTH =100% CELSPACING = 15>
<TR>
<TD WIDTH = 25% ROWSPAN = 2 ALIGN = CENTER>
COMPUTER<BR>SCIENCE</TD>
<TD WIDTH = 25% ALIGN = CENTER> H1 </TD>
<TD WIDTH =25% ALIGN = CENTER> H2 </TD>
<TD WIDTH = 25% ALIGN = CENTER> H3 </TD>
</TR>
<TR>
<TD WIDTH = 25% ALIGN = CENTER> C1 </TD>
<TD WIDTH = 25% ALIGN = CENTER> C2 </TD>
<TD WIDTH = 25% ALIGN = CENTER> C3 </TD>
<TD WIDTH = 25% ALIGN = CENTER> C4 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

## Part 2

**Q3. Write a Program to display count, from 5 to 15 using PHP loop as given below.**

**ANS.**

Write a Program to display count, from 5 to 15 using PHP loop as given below.

### **Rules & Hint**

- You can use "for" or "while" loop
- You can use variable to initialize count
- You can use html tag for line break

### **View Solution/Program**

```
<?php
$count = 5;
while($count <= 15)
{
    echo $count;
    echo "<br>" ;

    $count++;
}
?>
```

PHP

Copy

## Tutorials Class - Output Window

5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

## Write a factorial program using for loop in php

### Description:

Write a program to calculate factorial of a number using for loop in php.

```
<?php  
  
$num = 3;  
$factorial = 1;  
  
for ($x=$num; $x>=1; $x--)  
{  
    $factorial = $factorial * $x;  
}  
  
echo "The factorial of $num is $factorial";  
?>
```

PHP

Copy

## Tutorials Class - Output Window

The factorial of 3 is 6

# Write a program to create Chess board in PHP using for loop

## Description:

Write a PHP program using nested for loop that creates a chess board.

## Conditions:

- You can use html table having width="400px" and take "30px" as cell height and width for check boxes.

## View Solution/Program

```
<table width="400px" cellspacing="0px" cellpadding="0px" border="1px">
<?php
for($row=1;$row<=8;$row++)
{
    echo "<tr>";
    for($column=1;$column<=8;$column++)
    {
        $total=$row+$column;
        if($total%2==0)
        {
            echo "<td height=35px width=30px
bgcolor=#FFFFFF></td>";
        }
        else
        {
            echo "<td height=35px width=30px
bgcolor=#000000></td>";
        }
    }
    echo "</tr>";
}
```

```
}  
?>  
</table>
```

PHP

Copy

Tutorials Class - Output Window

**Q4. Write a program in javascript for Unit Conversion from Kilometer (km) to Centimeter (cm). use of message box is necessary**

•

**ANS.**

Type a value in any of the fields to convert between Length measurements:

Feet

Meters

Inches

cm

Yards

Kilometers

Miles

## Create a Length Converter

Create an input element that can convert a value from one Length measurement to another.

Step 1) Add HTML:

Example - Feet to Meter

```
<p>  
  <label>Feet</label>  
  <input id="inputFeet" type="number" placeholder="Feet"  
    oninput="lengthConverter(this.value)" onchange="lengthConverter(this.  
value)">
```

```
</p>
<p>cm: <span id="outputMeters"></span></p>
```

Step 2) Add JavaScript:

## Example - Feet to Meter

```
/* When the input field receives input, convert the value from feet to
meters */
function lengthConverter(valNum) {
    document.getElementById("outputMeters").innerHTML = valNum
/ 0.0022046;
}
```

[Try it Yourself »](#)

Description	Formula	Example
Convert from Feet to Meters	$m = ft / 3.2808$	<a href="#">Try it</a>
Convert from Feet to Inches	$in = ft * 12$	<a href="#">Try it</a>
Convert from Feet to cm	$cm = ft / 0.032808$	<a href="#">Try it</a>
Convert from Feet to Yards	$yd = ft * 0.33333$	<a href="#">Try it</a>
Convert from Feet to Kilometers	$km = ft / 3280.8$	<a href="#">Try it</a>
Convert from Feet to Miles	$mi = ft * 0.00018939$	<a href="#">Try it</a>



Description	Formula	Example
-------------	---------	---------

# Convert from Feet to other Measurements

The table below shows how to convert from Feet to other Length measurements:

# Convert from Meters to other Measurements

The table below shows how to convert from Meters to other Length measurements:

Convert from Meters to Feet	$\text{ft}=\text{m}*3.2808$	<a href="#">Try it</a>
Convert from Meters to Inches	$\text{in}=\text{m}*39.370$	<a href="#">Try it</a>
Convert from Meters to cm	$\text{cm}=\text{m}/0.01$	<a href="#">Try it</a>
Convert from Meters to Yards	$\text{yd}=\text{m}*1.0936$	<a href="#">Try it</a>
Convert from Meters to Kilometers	$\text{km}=\text{m}/1000$	<a href="#">Try it</a>
Convert from Meters to Miles	$\text{mi}=\text{m}*0.00062137$	<a href="#">Try it</a>

Description	Formula	Example									
Convert from Inches to Feet	$\text{ft} = \text{in} * 0.083333$	<a href="#">Try it</a>									
Convert from Inches to Meters	$\text{m} = \text{in} / 39.370$	<a href="#">Try it</a>									
Convert from Inches to cm	$\text{cm} = \text{in} / 0.39370$	<a href="#">Try it</a>									
Convert from Inches to Yards	$\text{yd} = \text{in} * 0.027778$	<a href="#">Try it</a>									
Convert from Inches to Kilometers	$\text{km} = \text{in} / 39370$	<a href="#">Try it</a>									
Convert from Inches to Miles	<table> <tr> <th>Description</th><th>Formula</th><th>Example</th></tr> <tr> <td>Convert from cm to Feet</td><td><math>\text{ft} = \text{cm} * 0.032808</math></td><td><a href="#">Try it</a></td></tr> <tr> <td>Convert from cm to</td><td><math>\text{m} = \text{cm} / 100</math></td><td><a href="#">Try it</a></td></tr> </table>	Description	Formula	Example	Convert from cm to Feet	$\text{ft} = \text{cm} * 0.032808$	<a href="#">Try it</a>	Convert from cm to	$\text{m} = \text{cm} / 100$	<a href="#">Try it</a>	<a href="#">Try it</a>
Description	Formula	Example									
Convert from cm to Feet	$\text{ft} = \text{cm} * 0.032808$	<a href="#">Try it</a>									
Convert from cm to	$\text{m} = \text{cm} / 100$	<a href="#">Try it</a>									

Meters

Convert  
from cm to  
Inches

$$\text{in} = \text{cm} * 0.39370$$

[Try it](#)

Convert  
from cm to  
Yards

$$\text{yd} = \text{cm} * 0.010936$$

[Try it](#)

Convert  
from cm to  
Kilometers

$$\text{km} = \text{cm} / 100000$$

[Try it](#)

Convert  
from cm to  
Miles

$$\text{mi} = \text{cm} * 0.0000062137$$

[Try it](#)

$$\text{mi} = \text{in} * 0.000015783$$

## Convert from Inches to other Measurements

The table below shows how to convert from Inches to other Length measurements:

## Convert from cm to other Measurements

The table below shows how to convert from cm to other Length measurements:

Description	Formula	Example
Convert from Yards to Feet	$ft = yd * 3$	<a href="#">Try it</a>
Convert from Yards to Meters	$m = yd / 1.0936$	<a href="#">Try it</a>
Convert from Yards to Inches	$in = yd * 36$	<a href="#">Try it</a>
Convert from Yards to cm	$cm = yd / 0.010936$	<a href="#">Try it</a>
Convert from Yards to Kilometers	$km = yd / 1093.6$	<a href="#">Try it</a>
Convert from Yards to Miles	$mi = yd * 0.00056818$	<a href="#">Try it</a>

## Convert from Yards to other Measurements

The table below shows how to convert from Yards to other Length measurements:

## Convert from Kilometers to other Measurements

The table below shows how to convert from Kilometers to other Length measurements:

Description	Formula	Example
-------------	---------	---------

Convert from Kilometers to Feet	$\text{ft}=\text{km}*3280.8$	<a href="#">Try it</a>
Convert from Kilometers to Meters	$\text{m}=\text{km}*1000$	<a href="#">Try it</a>
Convert from Kilometers to Inches	$\text{in}=\text{km}*39370$	<a href="#">Try it</a>
Convert from Kilometers to cm	$\text{cm}=\text{km}*100000$	<a href="#">Try it</a>
Convert from Kilometers to Yards	$\text{mi}=\text{km}*1093.6$	<a href="#">Try it</a>
Convert from Kilometers to Miles	$\text{mi}=\text{km}*0.62137$	<a href="#">Try it</a>

Description	Formula	Example
Convert from Miles to Feet	$ft = mi * 5280$	<a href="#">Try it</a>
Convert from Miles to Meters	$m = mi / 0.00062137$	<a href="#">Try it</a>
Convert from Miles to Inches	$in = mi * 63360$	<a href="#">Try it</a>
Convert from Miles to cm	$cm = mi / 0.0000062137$	<a href="#">Try it</a>
Convert from Miles to Yards	$yd = mi * 1760$	<a href="#">Try it</a>
Convert from Miles to Kilometers	$km = mi / 0.62137$	

# Convert from Miles to other Measurements

The table below shows how to convert from Miles to other Length measurements:

Write a Program to create given pattern with \* using for loop

**Description:**

Write a Program to create following pattern using for loops:

```
*
**
***
****
*****
*****
*****
*****
*****
```

**Rules**

- You can use for or while loop
- You can use multiple (nested) loop to draw above pattern

### View Solution/Program using two for loops

```
<?php
for($row=1;$row<=8;$row++)
{
    for ($star=1;$star<=$row;$star++)
    {
        echo "*";
    }
    echo "<br>";
}
?>
```

PHP

Copy

#### Tutorials Class - Output Window

```
*
**
***
****
*****
*****
*****
*****
```