BCIT
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
School of Computing and Academic Studies   *COMP1536*
Due: At the end of the lab period

> You are expected to complete this exercise during your lab session, show the lab instructor your work, and submit it into the D2L lab site for COMP1536. If you do not finish, then submit whatever you have by 8:00 PM on the day of your lab for late marking. This will, however, cost you a deduction of 10% of the maximum mark.

The purpose of this lab is to familiarize you with CSS and HTML tables.

Starting HTML5 template
Here is an HTML5 template that you can start with:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Page Title Goes Here</title>
  <meta charset="utf-8">
</head>
<body>
  <div>

  </div>
</body>
</html>
```

Name the file *receipt.html*.

Images
Download a file named *images.zip* from our course website containing the images for this exercise.

Layout
You will hand-code a web page using `<table>` tags so that it finally looks like this:

		Description	Unit	Price ($)	Quantity	Total ($)
Greens		Red delicious apples	lb.	0.98	10	9.80
		Grapes	lb.	1.03	20	20.6
		Tomatoes	lb.	0.56	15	8.40
		Mangoes	lb.	1.93	30	57.90
Household		Detergent	bottle	14.62	1	14.62
		Dish Soap	bottle	3.56	2	7.12
		Floor mop	piece	5.03	1	5.03
		Paper Towel	piece	1.43	1	1.43
		Light Bulb	piece	2.73	1	2.73
Bakery		Buns	dozen	5.99	1	5.99
		Apple Pie	piece	4.50	2	9.00
		Bagel	piece	0.50	4	2.00
					Grand Total	144.62
					12 % GST	17.35
					Net Payable	161.97

Caption: Economy Supermarket Receipt

Callouts:
- `<caption>`
- All white text
- All Arial font
- #250672
- #7147d7
- #452B83

Table width: 60% of browser width with left & right margins set to auto
Table title at the top: use the <caption> tag
Column widths: 30%; 30%; 10%; 10%; 10% and 10%
First row and last three rows: text must be bold
First column: Text must be bold. Also, image and text must be centered
Last three columns: Text must be right aligned
Row heights: All rows must be 30px high

Your solution needs to look exactly like the above page and must conform to the following:

1) All HTML must be **hand-coded** with an editor like notepad++.
2) All your styling must be placed in an external style sheet named ***receipt.css***
3) Follow best HTML coding practices (example: indent your html code, comments . . .)
4) The title of your page must be your *name*, *student number* and *set*.
5) Your page must be HTML5 compliant.
6) Name your working folder ***TablesLab***.
7) All images will be placed in the ***images*** folder.
8) All style sheet ***.css*** files will be placed in the ***styles*** folder.
9) You must validate your page for HTML5 compliance at: http://validator.w3.org/.
10) Also, validate your CSS file at: http://jigsaw.w3.org/css-validator/.

Submission

- The exercise must be completed during the lab session.
- Show your solution to your lab instructor. When you are finished, he/she will then give you a mark on the spot.
- Zip all the files comprising your web site to filename ***LastName_FirstName_set_week05.zip***. (Example: Doe_Jane_1B_week05.zip) and copy the ZIP file to the D2L *Week-05* dropbox. Compressed files using any other file format like TAR, JAR, RAR, ... will not be accepted.

CSS Hints:

width	width: 30%;
setting left and right margins of table to auto	margin-left:auto; margin-right:auto;
bold	font-weight: bold;
center align	text-align: center
right align	text-align: right
text color	color: white

COMP1536 week 5 lab exercise marking guide:

Name _____ **Set** _____

Task	Max Mark	Actual Mark
Proper layout	4	
External style sheet	2	
HTML5 validation	1	
CSS validation	1	
Other requirements: • Title • Submission • Images folder • Styles folder	2	
TOTAL:	**10**	

You will get a mark of zero if you do not hand code this lab exercise.