

Name: _____

Student ID: _____ Section: _____

BTI220 – Test #1

(March 2014) [50 marks]

Special Instructions:

- This is an open source test. You can look up any references, e.g., lecture notes, examples, or even online google.
- This is a computer-based test.
- You submit on blackboard -> Course Document -> Assignment. You need to submit **Four(4) files**:
 - 1) Question 1: q1.js
 - 2) Question2: q2.html
 - 3) Question2: q2.css
 - 4) Put the screenshots for all the questions to a word document and submit the word document.
- Arrange your time for submission. The link will be closed when the test is over.

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Q1: Write a JavaScript program to complete the following task:

[10 marks]

A sales person has a name and the amount of sales for the last week. Create an object with two properties:

name and amount.

- User repeatedly inputs the information (*name* and *amount*) for each sales person. The negative input for *amount* terminates the input and your program will report the person's information who has the largest sales *amount*. Refer to the screenshots.
- Sample Run:

The first screenshot shows a dialog box with the title "Enter sales Person's name:". It contains a text input field with the value "aa". Below the input field are two buttons: "OK" and "Cancel".

The second screenshot shows a dialog box with the title "Enter the sales amount:". It contains a text input field with the value "100.88". Below the input field is a checkbox with the label "Prevent this page from creating additional dialogs". At the bottom are two buttons: "OK" and "Cancel".

Name: _____

Student ID: _____ Section: _____

Enter sales Person's name:

bb

☐ Prevent this page from creating additional dialogs

OK Cancel

Enter the sales amount:

389.76

☐ Prevent this page from creating additional dialogs

OK Cancel

Enter sales Person's name:

cc

☐ Prevent this page from creating additional dialogs

OK Cancel

Enter the sales amount:

400.65

☐ Prevent this page from creating additional dialogs

OK Cancel

Enter sales Person's name:

dd

☐ Prevent this page from creating additional dialogs

OK Cancel

Enter the sales amount:

-8

☐ Prevent this page from creating additional dialogs

OK Cancel

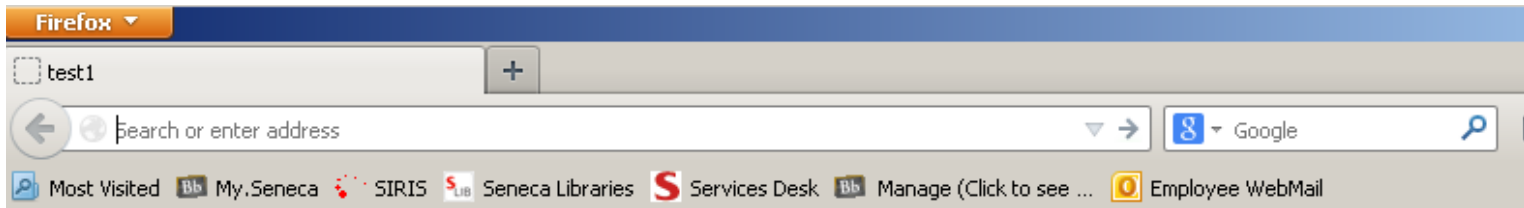
Result:

cc has the largest sale of \$400.65

☐ Prevent this page from creating additional dialogs

OK

- Q2.** Create a complete HTML5 file (q2.html) and an external CSS (q2.css) file to produce the following screenshot. You are required to use external CSS for styling. However, you are allowed to use inline or internal (for page) CSS where you consider proper. The detailed specifications are available on next page. **[40 points]**



Seneca

Test 1

This is an important green paragraph

This is a nested list.

- a. item 1
- b. item 2
 - o inside item 1
 - o inside item 2
- c. item 3

Caption of Table

head1	head2	head3
data1	data2	data3
footer1	footer23	

Specifications:

1. This document has a title called: " Test1". [1 mark]
2. Seneca logo (file name: logo.gif) is an image under the same folder of the HTML file (q2.html). The image is available to download together with the question file on blackboard. If the logo is not able to display, the user will see the text "Image of Seneca College". When the user put the mouse over the image, it should display "Seneca College". The user also can click this logo to access Seneca College's website with the URL: <http://www.senecacollege.ca> [4 marks]
3. Test #1: is heading 1, color red, align to center of the page, with shadow value 5 px for horizontal, vertical, blur distance , color for shadow is purple. [4 marks]
4. The following area has color HEX: #66ff99. This area is placed in the center of the screen, with the size of width: 600 pixels, height: 400pixels. [4 marks]
5. All paragraphs on this page are in font family: Arial, Helvetica, sans-serif, size 18 pixels, color blue. (Note: the rest of the page takes the default font.) [3 marks]
6. In the paragraph: "This is an important green paragraph". Display as shown. [2 marks]
7. "This is a nested list. " is a regular paragraph. [1 mark]
8. Display the nested list as shown. [4 marks]
9. Table has the border of 2 pixels. It is in the center of the colored area. It takes half of the width (50%) of the colored area. [3 marks]
10. "Caption of Table" must be defined as caption. It is bold, font size of 20 pixels, color blue. [4 marks]
11. First row of the table is defined as table head. It is bold, text color red, background color yellow. [3 marks]
12. The data "foot23" in the last row of the table is defined as italic, color purple, it is in the center of the table cell. [3 marks]
13. HTML5 and CSS syntax. [4 marks]

You are welcome to ask the instructor (NOT your neighbor) for further clarification.