

SRT621 – Winter 2022

Lab #3

Worth: 4% of final grade [4 marks]

Assignment Due: Refer to the deadline on learn.Senecacollege.ca

Submission Instructions ←

THIS IS IMPORTANT

Please zip all your submission files and name the zip file as it follows:

YourName_Lab2.zip

The professor can call any student for a one-on-one interview to explain the code and answer some questions about the code. Failing to participate in this interview will result in a grade of zero in the assignment.

Using 3rd party applications to generate the codes will result in losing marks.

Pay extra Attention to the highlighted texts!

Question 1 [0.5 mark]

- Create a HTML file (Q1.html) with the following title: [0.1 mark]
 - o SRT621
- Add an empty paragraph to the html file. [0.1 mark]
- By writing an internal JavaScript, programmatically update the empty paragraph to show the following text: [0.3 mark]
 - o Welcome to SRT621 module.

You will lose marks if you hardcode the “SRT621” part of the welcome text into the JavaScript code.

You will lose marks if you hardcode the welcome text into the html file.

To be submitted: Q1.html

Question 2 [1.5 mark]

- You are provided with a html file called Q2.html
- Q2.html contains a table with 5 rows and 5 columns. All cells except two are empty.
- Create a JavaScript file (JS2.js) and connect Q2.html to it [0.5 mark]
- After connecting the JS2.js, when the Q2.html is opened the two non-empty cells must have a background color the same as their value. [1 mark] (see figure below)

		Green		
			Red	

The only change you are allowed to make to the html code is linking it to the JS2.js file. Updating the html code in any ways other than this will result in losing marks.

You cannot change the CSS codes in the html file.

To be submitted: JS2.js

To be submitted: updated Q2.html

Question 3 [1 mark]

- You are provided with a html file called Q3.html.
- A simple arithmetic equation is shown on the webpage.
- Update the <script> tag at the end of the file to solve the equation and write the results in the yellow box.

The only change you are allowed to make to the html code is updating the empty script tag. Updating the html code in any ways other than this will result in losing marks.

To be submitted: Q3.html

Question 4 [1 mark]

- You are provided with a html file called Q4.html.
- The page contains a list of items in an e-shop with their respective prices.
- There is a box at top left hand side of the page which shows the day's discount percentage.
- by only adding JavaScript code to the page, update the html code to show the new prices (after discount) under each item. (Replace the html comments)

The only change you are allowed to make to the html code is replacing the commented lines of code. Updating the html code in any ways other than this will result in losing marks.

To be submitted: Q4.html