SRT621 – Winter 2022

Lab #5

Worth: 5% of final grade [5 marks]

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

Submission Instructions ← <mark>THHIS IS IMPORTANT</mark>

Please zip all your submission files and name the zip file <mark>YourName_Lab5.zip</mark>

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!
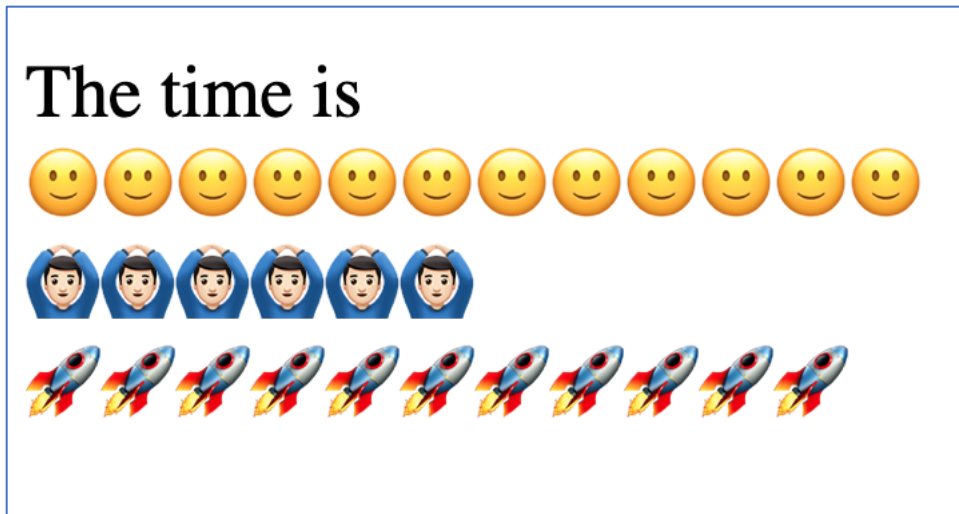
Question 1 [1 mark]

- Create q1.js and inside create a function and call it <mark>greeting</mark>.
- This function greets the user based on the time of the day.
    - If the time is between 00:00 midnight and 12:00 noon greets with "Good Morning"
    - If the time is between 12:01 in the afternoon and 18:00, greets with "Good Afternoon"
    - If the time is between 18:01 and 23:59, greets with "Good Evening"
- Call the function.

- To be submitted: q1.js

Question 2 [1 mark]

- Create q2.js and inside write a function and call it <mark>week</mark>.
- By using a SWITCH statement, show the name of the day.
- call the function.

- To be submitted: q2.js

Question 3 [2 mark]

- In this question we want to create a static clock which shows the time upon every time the user refreshes the page.
- The clock shows the hours, minutes, and seconds with unique static shapes (you can use any shape/image/emojis etc.).
- For example 12:06:11 would look something like the following images

The time is

🙂🙂🙂🙂🙂🙂🙂🙂🙂🙂🙂🙂

🙆🙆🙆🙆🙆🙆

🚀🚀🚀🚀🚀🚀🚀🚀🚀🚀🚀

- Create q3.js and inside write a function and call it static_clock.
- By using a for loop create the above clock.
- The clock must be 12H and not 24H
- call the function.
- To be submitted: q3.js

Question 4 [1 mark]

- Create q4.js, Re-write the code you wrote for question 3 but this time only use a while loop.
- To be submitted: q4.js

Question 5:

- Create lab5.html and connect q1.js, q2.js, q3.js and q4.js to it.
- The result of each JS file must be shown on the html file.
- You can add css styles to your html code if you would like. [0.5 marks]