Lab Programming Exercise (Week 6)

(this is not an assignment)

Question 1. On the website, display four text fields for the user to enter four subjects. When the user clicks the button "Show selection", display the four subjects the user has selected as illustrated in the following example.

Please select 4 subjects.

Subject 1: MATH111
Subject 2: CS102
Subject 3: PHY133
Subject 4: CHEM101

Show selection

You have selected MATH111, CS102, PHY133 and CHEM101

Question 2. On the website, display the following:

[ ] + ∨ [ ] = [ ] Check

The user can enter two numbers in the first two text fields. Then select the operation (either $+$ for addition, $-$ for subtraction, or $\times$ for multiplication). Then enter the answer in the third text field. When the user clicks the "Check" button, display the result as illustrated in the following examples:

10 x ∨ 5 = 50 Check Correct!

14 - ∨ 5 = 11 Check Incorrect, please try again.

Question 3. On the webpage, display a button "Increase counter" and display the number 0 as a counter. When the user clicks the button, increase the counter by 1 and display the updated counter on the webpage.

Increase counter

0

Question 4. On the website, display two buttons and a counter as follows.

Start counter animation   Stop counter animation

0

When the user clicks on the start animation button, increase the counter by 1 for every second. When the user clicks the stop animation button, stop the counter increasing.
Write your code so that the user can click the start animation button many times and only one animation is running at any given time.

END OF THE PROGRAMMING EXERCISE