



CSIT884 Web Development

Assignment 2 – 10%

Please complete the assignment on Moodle, before **19:00, Sunday of Week 6**.

- Please read this document carefully *before* working on the assignment.
- Late submission penalty will be inflicted according to the rules described in the Subject Outline.

Q1.

Create a webpage A2-Task1-YourStudentName-YourStudentNumber.html and on the webpage display:

- a lion **emoji**
- a small image of a cat
- a "Reset" **button**
- a number that is initialized as your own student number

Whenever the user clicks the lion emoji, the number will be decreased by 10.

Whenever the user clicks the cat image, the number will be increased by 5.

Whenever the user clicks the Reset button, the number will be reset back to your original student number.

(Note that at any time, only one number should be displayed on your webpage).

Q2.

Create a webpage A2-Task2-YourStudentName-YourStudentNumber.html and on the webpage display:

- a text field
- a span with red color text "Show full name"
- a span with green color text "Show student number"
- a span with orange color text "Clear"

Whenever the user moves the mouse over the text "Show full name", display your full name in the text field.

Whenever the user moves the mouse over the text "Show student number", display your student number in the text field.

Whenever the user moves the mouse over the text "Clear", clear all the text in the text field.

Q3.

Create a webpage A3-Task3-YourStudentName-YourStudentNumber.html and on the webpage display:

- a button "Add emoji"

Whenever the user clicks the button "Add emoji", one more emoji will be added to the webpage:

- when user clicks "Add emoji" for the first time, display one star emoji;
- if the user clicks "Add emoji" again, display two emojis: a star and a smiling face;

- if the user clicks "Add emoji" again, display two emojis: a star and a smiling face, and your name after them;
 - if the user clicks "Add emoji" again, on the first line display two emojis: a star and a smiling face, and your name, and then another line with a star emoji;
 - if the user clicks "Add emoji" again, on the first line display two emojis: a star and a smiling face, and your name, and then another line with two emojis: a star and a smiling face;
 - if the user clicks "Add emoji" again, display two lines (with the same content) of a star emoji, a smiling face emoji, and your name;
- and the pattern keeps going like this.

Q4.

For this task, you need three small images:

- one image displays your full name
- one image displays your UOW Student Number (SN)
- one image displays your CCNU SN

Create a webpage `A2-Task4-YourStudentName-YourStudentNumber.html` and on the webpage display from left to right: name image, UOW SN image, CCNU SN image.

Whenever the user clicks on any of the images, the clicked image will move one step to the left (if possible).

Here is an example of how it works:

- in the beginning, the image order is name, UOW SN, CCNU SN.
 - next, the user clicks on the UOW SN image, then the image order becomes: UOW SN, name, CCNU SN.
 - next, the user clicks on the CCNU SN image, then the image order becomes: UOW SN, CCNU SN, name.
 - next, the user clicks on the UOW SN image, then the image order will not change: UOW SN, CCNU SN, name; because the UOW SN image is already on the leftmost position.
 - next, the user clicks on the name image, then the image order becomes: UOW SN, name, CCNU SN.
- etc...