

Dynamic Web Authoring – COM 353

JavaScript Loops

Task 0 – Get Informed

Revise the lecture notes

Understand the class examples

Use the following online tutorials to reinforce your learning:

http://wps.aw.com/aw_webwizard/234/60015.cw/index.html

<http://www.javascriptworld.com>

<http://www.w3schools.com/JS/default.asp>

Task 1 – Loops

Use the JavaScript for statement construct to create a *count-up* web page (similar to Figure 1), for example, to count up from 1 to 5.

You can reuse the function `DisplayTex(inputtext)` created in Practical 5 to display information.

Following this, replace the `for` statement with the `while` statement and the `do...while` statement respectively.

Modify one of the script above by adding a start button on the page to start the counting.

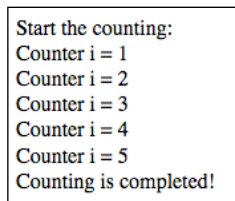


Figure 1



Figure 2

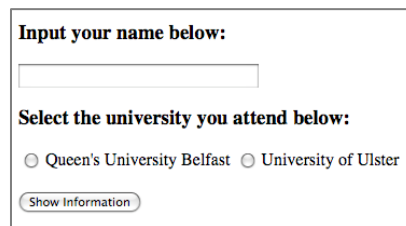
Modify the script in produced above to create a countdown web page, for example to count from 5 to 1.

Finally, Modify the script above so that it can countdown from any number (input by the visitor) to 1, an example is illustrated in Figure 2.

Task 2 – Loops with Arrays

Modify the javascript application created in practical 5_Q3c and use for looping statement to display the four course names offered by the School.

Create two radio buttons as QUB and Ulster on the form produced above, and use a for loop to display each university's name (illustrated in Figure 3).



The form is enclosed in a rectangular box. At the top, it says "Input your name below:" followed by a single-line text input field. Below that, it says "Select the university you attend below:". Under this text are two radio buttons. The first radio button is followed by the text "Queen's University Belfast". The second radio button is followed by the text "University of Ulster". At the bottom of the form is a button labeled "Show Information".

Figure 3

Now add a set of check box for four Ulster campuses, and use for looping statement to display the list of Ulster campuses.

Task 3 – Update the Learning Log

In learning log, summarise the learning activities and the techniques you used, also provide the links to the html files that you developed in the above tasks.