



Griffith College Assignment Title Sheet

Course:	BSC/HCC
Stage/Year:	1
Module:	Client Side Web Development
Semester:	2
Assignment Number:	4
Date of Title Issue:	07.03.16
Assignment Deadline:	Tuesday 29.03.16
Assignment Submission:	Online (Moodle).
Assignment Weighting:	10%

Assignment Title: Interactive JavaScript Quiz

For this assignment you are to build an interactive quiz on a topic of your choice using HTML, CSS and JavaScript.

The quiz should contain the following:

- An introduction – inviting/challenging the user to test his/her knowledge on your quiz and explain how to complete the quiz.
- The quiz itself - this should contain at least 5 questions on your chosen subject and must use at least three methods of input (eg textbox, radio button, select list/dropdown). The user should complete all questions then submit his/her answers.
- Feedback - Once the user has submitted answers he/she should be given feedback. You will need to keep a count of correct answers in order to provide feedback. The feedback should only be displayed once the user has submitted his/her answers. You can choose how to best to display the feedback, eg number of correct questions, percentage of correct questions. Your feedback may also contain imagery and text.

Further requirements:

The quiz should appear on one page called index.html.

Each question should have a question number and a title with the full question displayed underneath.

Only one question should appear on the page at a time. For example you could use previous/next links to display each question or could use an accordian to display each question. Note the introduction should appear on the page at all times.

Make sure the user has filled in the necessary fields and warn them if they do not.

Validate all answers, for example if a textbox question requires an answer “3”, then “3” or “three” should give a correct answer but not “33”.

The footer of your webpage should contain your name, student id and email address, eg Quiz by: John Smith, 2989877, john@griffith.ie

You can use vanilla JavaScript or a combination of jQuery and vanilla JavaScript for this task. You may use jQuery UI widgets.

All work must be your own.

HTML and CSS should be validated by an online validator.

Marks will be awarded for:

Working code (HTML, CSS & JavaScript)

Good practice

Comments

Usability

Deliverables:

Use one HTML file (called index.html) and include this along with all other files (your own JavaScript and CSS files and the jQuery files) in a folder named "yourname_studentnumber_js" and zip it up and upload to Moodle.

Learning Outcomes Being Assessed:

Demonstrate an advanced knowledge of client-side web standards technologies (HTML, CSS, JavaScript)