# ASSIGNMENT 4 ‘WEB DESIGN AND IMPLEMENTATION’ [P4, P5, M3]

**P4 Design web pages using CSS to control layout**

**P5 Create interactive web pages using CSS and a scripting language**

**M3 Employ good practice in the design and implementation of web pages**

As well as being responsible for training the new employees you still have to keep up the ‘day job’. A new client has asked you to **design, create** and **test** an **interactive** **website**.

You realise that you can use this as an example to show the trainees how it should be done! You will therefore follow ‘**good practice**’ when documenting your work so that the trainees can follow this as an example.

**Task 1 (P4)**

Choose a topic that you are familiar with; for example a hobby or interest. Remember that the website must be interactive so it should do more than just display information. For example, you could insert rollovers, clocks, calendars, forms with validation, mouse movement followers etc.

Follow the ***Designing your Website*** worksheet to create a formal design specification for your client. The specification should be presented using PowerPoint.

**Task 2 (P5, M3)**

Now create the website using Dreamweaver. You should demonstrate good practice in your implementation. Include the following in your HTML, CSS and JavaScript:

* Comments
* Correct indentation
* Sensibly named variables

Once you have created your website you should:

* Demonstrate it to your Tutor
* Document your website using a screen dump of every page and annotated screen shots of your HTML and CSS files.