

## Practical 10 – WD – Well formed web page

Download the zip folder of files for Practical 10 from Moodle, this file contains images **glenbarrow1.jpg** and **icon\_pdf.gif**, a pdf file **glenbarrow.pdf** and a text file **glenbarrow.txt**.

You are required to create a well formed webpage (named **glenbarrow.html**) that appears similar to the screen shots shown in **Figure 1** and **Figure 2**. **Figure 1** shows how your page should look after completing Activities 1 & 2 **WITHOUT** style rules. **Figure 2** shows how your page should look after completing Activity 3 with style rules applied.

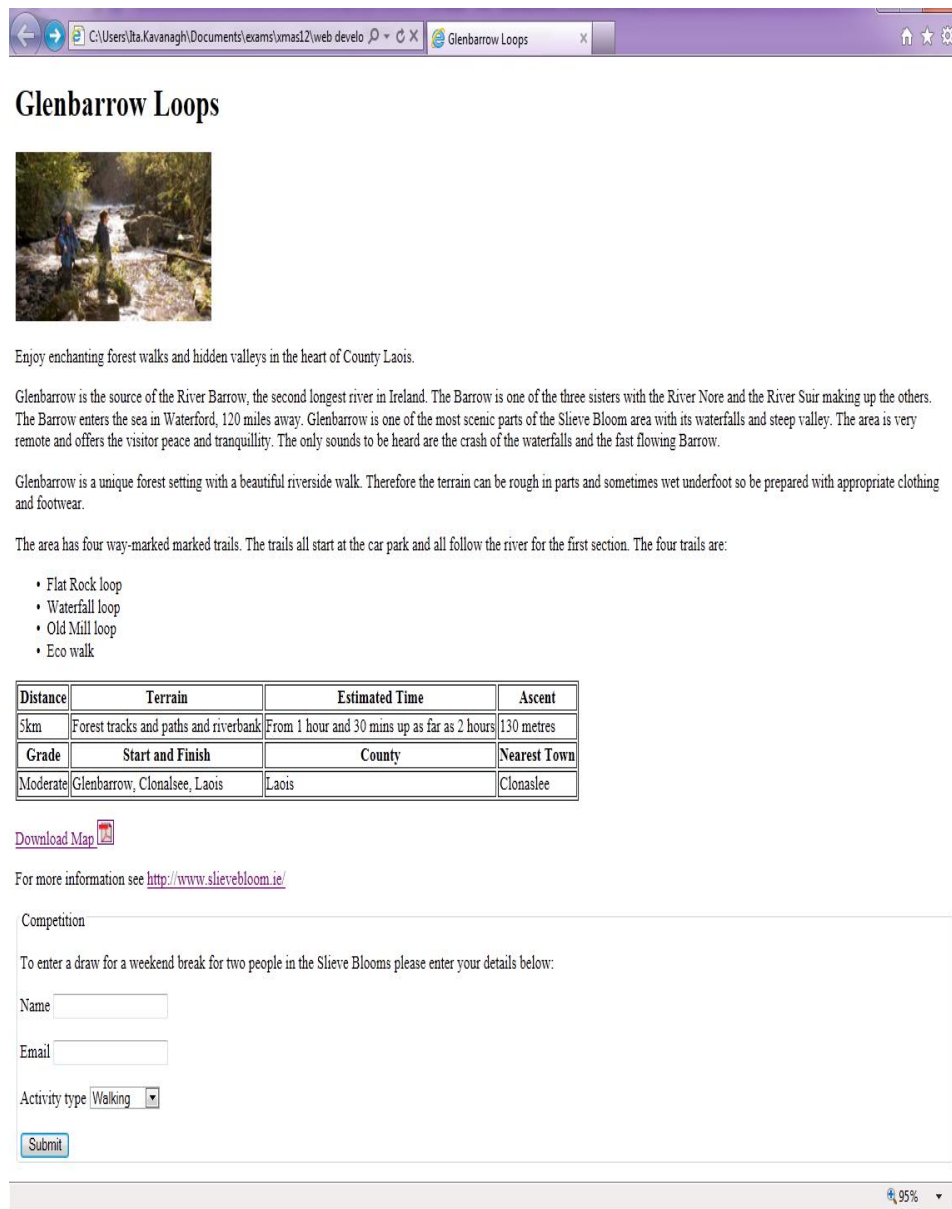


Figure 1: glenbarrow.html without style rules

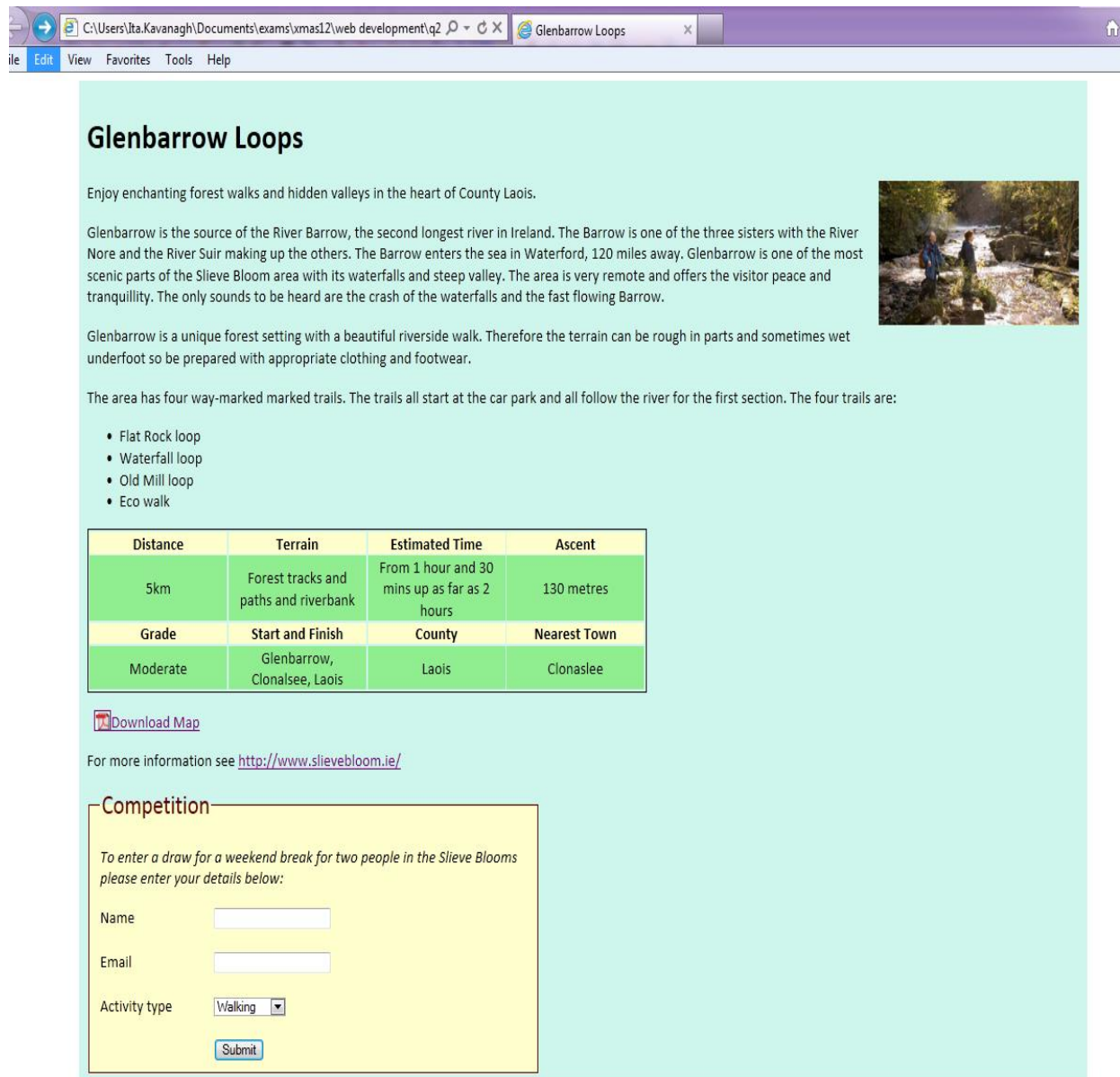


Figure 2: glenbarrow.html with style rules


**Activity 1 - Content**

Create a HTML page named **glenbarrow.html** with the following structural components:

1. A single header using a level 1 heading element.
2. An image using **glenbarrow1.jpg** as the image source.
3. Four paragraphs of text (all text available in **glenbarrow.txt**).
4. An unordered list listing the four Glenbarrow trails.
5. A table with 4 rows and 4 columns as shown in **Figure 3**. Note all the elements on row 1 and row 3 are table header elements.

Distance	Terrain	Estimated Time	Ascent
5km	Forest tracks and paths and riverbank	From 1 hour and 30 mins up as far as 2 hours	130 metres
Grade	Start and Finish	County	Nearest Town
Moderate	Glenbarrow, Clonasee, Laois	Laois	Clonasee

Figure 3

6. A paragraph with the text Download Map and an image using **icon\_pdf.gif** as the image source.
7. A hyperlink around the text and image "Download Map  that when clicked opens the document glenbarrow.pdf in a new window.
8. A paragraph of text with a hyperlink on the text "<http://www.slievebloom.ie/>" that when clicked directs the user to the following site: <http://www.slievebloom.ie/>.

### **Activity 2 - Form**

Add a form to the document with the following form elements:

1. A legend and fieldset.
2. A text input (with name attribute **name**) to get **Name**.
3. A text input (with name attribute **email**) to get **Email**.
4. A menu to select **Activity type** from one of five options Walking, Cycling, Angling, Equestrian, Golf.
5. A submit button. When the user presses the submit button the form should be sent via the POST method to <http://www.carolinemcalister.net/slievebloom.php>.

Your page should now resemble **Figure 1**.

### **Activity 3 – Style (CSS)**

You will now style your page so that it resembles **Figure 2**.

NB: Surround the content of the body of the document with a pair of div tags. Set the id of this div to "content".

Insert an internal stylesheet into the **glenbarrow.html** file and create style rules for the following:

#### ***Main body***

1. The content div should have a width of 85%, background colour #CEF6EC & 10px of padding all around. Set the margin property to auto to centre the div on the page.
2. The font family for the body of the page should be set to Calibri and then the default sans serif font. Font size should be 1.1em.
3. The image should be positioned to the right and have a left margin set to 0.5em.

#### ***Styling the table***

4. The table should have a solid black border of 1px. (table headers and table data elements do not have a border)
5. Table headers should have a background colour #FFFFCC
6. Table data elements should have a background colour lightgreen
7. Table headers and table data elements should have a fixed width of 150px, left and right padding of 10px and text should be centred

#### ***Styling the form***

8. Labels should have a width of 7em and a right margin of 1em to separate them from the input text fields.
9. The text colour of the legend should be set to #600. It should have a font-size of 1.5em.
10. The fieldset should have a background colour of #FFFFCC with a width of 30em and it should have a solid, 1px wide, border set to #600.
11. The paragraph within the fieldset should be italic.
12. Write a CSS rule to position the submit button.
13. Write a CSS rule to position the pdf icon to the left with a right-margin of 1em. (Hint add an id to the img tag for the pdf icon)