

Web Development Fundamentals

Lab 01

1st HTML Page

You need to submit your work before the class ends to get your marks.

You need to be present in the lab to get a mark

Objective:

The purpose of today's lab session is to get you started by having a look at the HTML code for a web page and familiarising yourself with the basic tools that you will be using during this course. In addition to this you will be getting a quick introduction to the Moodle system and Brackets (Text Editor).

You will also set up a folder system for storing your weekly work and assignments.

File Submission

Zip your folder lab01 into lab1<studentnumber>.zip and submit to Moodle.

Ensure that the exercise is working correctly in the lab01 folder before submitting.

Files to submit – Lab01.html, images folder with student.png

You need to submit your work before the class ends to get your marks.

Exercise 1: Registering with Moodle

Moodle is the learning management system we use at TU Dublin. For each module that uses Moodle, you need to enrol for that module. Do this as follows:

- Point your browser at <https://www.vle-bn.tudublin.ie>
- Log in using your normal TU Dublin username and password
- Use the Courses link to find your way to the COMPH1026 Web Development Fundamentals course page
- Enrol as a student on the course.

To do this you will need an enrolment key. This enrolment key is: webdev2023

Exercise 2: - Creating Folders

- First create a folder on your C drive or laptop for the module: WebDevFund
- Next create a folder inside the WebDevFund folder for each week's work:

Create a folder called week1

Under Week1 create another folder called lab1

If using images create an images folder within lab1

The folder structure should look as follows::

WebDevFund

Week1\lab01\images

Week2\lab02\images

...

etc

Save todays work in the lab01 folder

Exercise 3 - Brackets

- ▶ We will use Brackets as the text editor for creating html files
- ▶ Download for free from <http://brackets.io>
- ▶ Video: <https://www.youtube.com/watch?v=KJXdvaY9ITA>
Brackets demo

Exercise 4 – Create a HTML page called lab01.html

- Download HtmlTemplate from Moodle
- Open this file in Brackets and save as lab01.html
- The title should be “my 1st web page”
- Create a H1 heading and add your name
- Create a H2 heading and add “Hobbies”
- Underneath the H2 heading use the <p> tag to describe some hobbies
- Create a folder called images in the lab01 folder
- Download the image called student .jpg to the images folder from Moodle
- Add an image “student.jpg” to your file
- When you are finished save lab01.html to the lab01 folder
- Look at the lecture note examples to help you with this exercise

File Submission

Zip your folder lab01 into lab1<studentnumber>.zip and submit to Moodle.

Ensure that the exercise is working correctly in the lab01 folder before submitting.

Files to submit – Lab01.html, images folder with student.png

You need to submit your work before the class ends to get your marks.

Solution Sample



Orla McMahon

Hobbies

My hobbies are skiing, yoga and swimming