

Exercise 1

Favourite Web Page

Due: Friday Jan. 12, 2024, 5:00pm

The goal of this first exercise two-fold. First is for you to think about what makes a successful web page and to identify the standard components of a web page. Second is to publish your first web page.

Pick a web page that you think is well designed.

Download the Exercise 1 template from the OWL site.

Edit the index.html file from the template putting in your own answers for:

- URL of the web page
- Reasons why you think the site is well designed
- List the web page design elements that are used on this page

You must use a programming editor for this. I am recommending Microsoft Visual Code which is available for both Mac and Windows <https://code.visualstudio.com>.

You will have to upload your edited files to the Western web server. I am recommending a package called FileZilla which can be downloaded from <https://filezilla-project.org> Make sure that you select the FileZilla **Client** and not the server. When you get to the download screen, select FileZilla only (the first option).

The completed answers will be anonymously assembled into a Lesson page in OWL so that you can see what everyone else choose.

You must zip up the template folder and submit it to the Exercise 1 Assignment DropBox tool in OWL.

You must also activate your personal web space on the Western Publish server and upload your answers to the publish server.

Your exercise should be at the URL: <https://publish.uwo.ca/~YourUserId/Exercise1>

There is a completed example of Exercise 1 available at <https://publish.uwo.ca/~mcclell/Exercise1>

The template files for the exercise can be downloaded from <https://publish.uwo.ca/~mcclell/Templates/Exercise1-Template.zip>

Detailed Instructions:

These instructions will work for both Mac and Windows machines.

Step 1. Activate your personal web space on the Western Publish server

https://wts.uwo.ca/services/web/activate_my_personal_web_space.html

Your space will be available at https://publish.uwo.ca/~user_name

Publish serves static web pages and does not execute any server-side scripting.

Step 2. Create a local working folder on your machine. This can be either on your Desktop or in your Documents folder. I recommend creating a folder called DC2203.

Step 3. Robots.txt

Create a robots.txt file in your working folder.

Robots.txt:

```
User-agent: *  
Disallow: /
```

The robots.txt file will keep Google from indexing it and including it in search results.

Step 4. Download the Exercise 1 Template files from

<https://publish.uwo.ca/~mcclell/Templates/Exercise1-Template.zip> to your working folder

Step 5. Unzip the files to create a folder called Exercise1

Step 6. Edit the Exercise1\index.html folder

Put in your answers for the web page, reasons why you like it and list of design elements. Note that when entering the web site, you will have to put in the URL and the name of the site separately.

Step 7. Upload

Connect to publish using FileZilla

The information for FileZilla is host “sftp.uwo.ca” and port “22”. You should enter just your username without the “@uwo.ca” and your Western password.

Once you have connected, double-click on the “public_html” folder on the remote site.

- Upload your robots.txt file to the remote site
- Upload the Exercise1 folder to the remote site

This can be done by dragging and dropping the files or folder from Finder or Windows Explorer onto the Remote Site window in FileZilla. You don't ever need to use the local site window in FileZilla as it can be difficult to find files.

Step 8. Check

Check that your page is visible at https://publish.uwo.ca/~your_user_name/Exercise1

Step 9. Save your work to OWL

Compress your Exercise1 folder into a zip file.

Upload the zip file to Exercise 1 in the Assignment tool in OWL.

The editor we will be using is Microsoft Visual Studio Code which can be downloaded from <https://code.visualstudio.com>

FileZilla can be downloaded from <https://filezilla-project.org> Make sure that you select the FileZilla **Client** and not the server. When you get to the download screen, select FileZilla only (the first option).

For both the site will automatically detect the type of your machine and give you the appropriate Mac or Windows version.

The commands for managing zip files are different on Mac and Windows machines.

- Zip and unzip files and folders on Mac
 - <https://support.apple.com/en-ca/guide/mac-help/mchlp2528/mac>
- Ways to organize files on your Mac desktop
 - <https://support.apple.com/en-ca/guide/mac-help/mh35951/mac>
- Zip and unzip files on Windows
 - <https://support.microsoft.com/en-us/windows/zip-and-unzip-files-f6dde0a7-0fec-8294-e1d3-703ed85e7ebc>
- Find and open File Explorer
 - <https://support.microsoft.com/en-us/windows/find-and-open-file-explorer-ef370130-1cca-9dc5-e0df-2f7416fe1cb1>