COMPSCI 1033A 002 FW20 ›
➡ 📄 Assignments

[Assignments](#)

Title	Web Assignment
Due	Nov 13, 2020 11:55 pm
Grade Scale	Points (max 100.0)
Modified by instructor	Nov 1, 2020 3:14 pm

Instructions

CS1033 - Web Assignment (Assignment 2) (13%)

Designing a Website Using html5-editor.net

OVERVIEW:

A local London baker (and former CS1033 student) is looking for a website to "spice" up her cookie business. You are being tasked with the job of creating a website to showcase her business.

BEFORE YOU BEGIN YOUR ASSIGNMENT - IMPORTANT! PERFORM THE FOLLOWING STEPS:

- First create a folder called *webassign* on the machine where you intend to work on the assignment (or on the memory stick you plan to use, but be careful --> losing the memory stick is not a grounds for an extension)
- Create a subfolder inside the webassign folder called *images*.
- Anytime you find or create an image to be included in this website, move the image into the *webassign/images* folder
- IMPORTANT NOTE: make backups often and on DIFFERENT devices. Use online (cloud) storage as well like OneDrive or Google Drive. We have had several complaints about Western USB sticks corrupting files. You may want to buy a second USB if you are currently using a Western USB drive.

CRITERIA:

Build a website to include **ALL OF THE FOLLOWING** things:

1. **A banner for your website made with Affinity Photo**
   - Size of banner must be **EXACTLY 1000 pixels wide.**
   - You can use any images you find on the Internet (Remember that best practices are to pick images with no copyright issues but this will not be checked by the marker. We would prefer you pick free images but this is up to you) and that will add appeal to the banner but remember you need to save the URLs for the images used on your banner in order to include them on your References page.
   - The banner MUST include the name of the company "LeBakery"
   - The banner must also include the text: "Specializing in Cookies"
   - Create a banner that is professional, appealing, and appropriate for the content

2. **Content for the web pages:** (read carefully)

○ The document [http://www.csd.uwo.ca/~lreid/cs1033/assignment2/fall2020cookies/content.txt] contains the content to be used for creating the web pages. This is provided so that you don't have to come up with the content. Your job is to lay out the content in an appealing and professional manner. Note: The content file is a text file with no formatting so that you can copy and paste the information into your website and work with the layout and the attributes as you choose. We will be marking how nicely the information has been presented. Add at least one image to **every** web page (Exception: you are not required to add images to the references page) in order to give more visual appeal but remember to reference all images used, even if we supplied the image! Replace hyphens for lists with the numbered or bulleted (structured) list.

3. **Number of Web pages:** For your website you must create 5 web pages in total: Home, Gallery, Baking Tools, About Us, and References. Every page must have your banner along the top before any other content is shown. You then need to create a navigational menu structure at the top or along the side of each webpage containing 5 links (buttons or text links), each linking to one of the 5 web pages. The text for the 5 web pages is contained in the content document. Every page in the website must have a properly formatted title as shown in class and in labs. The file names for the 5 web pages should be lower case, descriptive, and not contain spaces.

Listed below are guidelines for each of the 5 web pages:

1. **Home** --> Text for this web page is included in the content document
   - Spotlight (make bigger or bolder, do something to make it stand out) the first line ("Welcome to…")
   - Convert the words "our son's baby shower" to a working, clickable link that opens the Gallery page of your website at the Sip and See Cookies section
   - Crop and resize one of the baby shower cookies (pick out just one cookie) in one of the images given to you here and add that single cookie image to the end of the third reference and make this cookie image also link to the Sip and See Cookies section on the Gallery page.
2. **Gallery** --> Text for this web page is included in the content document
   - Turn each item in the list at the top of this page's content into a working link that jumps down to the appropriate cookie type section on this page.
   - After each of these 4 cookie type sections, add a "Back to Top" link that jumps back up to the top of this page when clicked.
   - For each of these 4 cookie types, add the appropriate image found **here.** Make sure the size of the image is appropriate for the page and the images look neatly lined up with the section they represent.
   - Format the lists and sections neatly to look professional.
3. **Baking Tools**--> Text for this web page is included in the content document
   - Neatly format this page
   - Convert each Baking Tool title in the this section into a working (clickable) link that links to its given URL
   - Turn the text "Awesome Cookie Recipe" into a heading and then add a recipe below this heading for your favourite cookies. Make sure the recipe has a name (e.g. Peanut Butter Cookies), is neatly formatted, lists the quantity of the ingredients and has clear instructions. If you don't have a favourite recipe, just google and find any cookie recipe online but make sure to include a link to that recipe in your references page. If it was, for example, your granma's recipe, no need for the reference. . NOTE: you cannot just paste in an image of recipe, you must actually type in the recipe.
4. **About Us**--> Text for this web page is included in the content document
   - Neatly format this page
   - Turn the email into a working email link
   - Turn the instagram reference into a working link
   - As well as an image, include an email icon and an instagram logo.
5. **References** --> This webpage must contain the URLs for every image you obtained from the Internet and used within your website. Make sure this page is neatly laid out and organized. You no longer have to place your image references in the Assignment Text box in Owl since they are now listed on this web page. References do not have to be in MLA, APA, or any other official citation format. If you use a picture you took yourself, and don't have a URL for it, include something like: Picture of Cat - Taken by me. Even for images that we gave you, you MUST include a reference in your references page. Also, if you found your recipe online, make sure you include a link to that recipe.

4. **A Table to achieve clean edges and strong alignment**: Use a table(s) with fixed 1000 pixels width to control your overall website layout. You can also use nested tables, additional tables, rows, and columns to achieve your layout.

5. **A Navigational structure**: Create your menu links as button images, or as text. NOTE: If you decide to create button images, you MUST use Affinity Photo to create your buttons, you may not use button generating software. Navigational buttons/links that are very professional looking will get more marks than plain text links. *IMPORTANT* Make sure your links all work from each page to every other page. Test this AFTER uploading it to the server to ensure it wasn't just working on your local PC only.

6. **Appropriate Images**: Appropriate images MUST be embedded in each of your web pages (except for the References page) to make the pages interesting. All images used must be cited in your "References" web page. The bakery has supplied us with these images but if you need more, you can find lots of free images to use in your site from here: https://pixabay.com/. You can also purchase images if you want from online stock photo companies such as http://www.bigstockphoto.com/, http://www.istockphoto.com/ We encourage you to follow best practices by using free images but this will not be checked and no marks will be deduced if you use copyrighted images, but either way, free or copyrighted, you MUST include a reference (the URL) for every image you use in your references page EVEN FOR PICTURES THAT WE SUPPLIED YOU WITH!

7. **Colour creativity**: We will be looking to see whether colours co-ordinate and work well with the overall look of your pages

8. **Clean Neat Layout:** We are looking for a nicely laid out page as opposed to a cluttered, crowded page.

9. **Links** We will be looking for several different types of links. You need an instance of **each** of the following link type in your website:
   - e-mail link
   - link(s) pointing to another area within the same page (bookmark/anchor links) and link(s) that allow the user to return to the top of the current page (Back to Top links).
   - link(s) pointing to a website on the Internet

10. **Structured List (ordered OR unordered):** You must have some sort of bulleted list or numbered list in one of your pages using the list tool in html5-editor.net (there should be no hyphens used as bullets for lists).

11. **Well balanced text formatting.** We will be looking for:
    - Appropriate Size - headings, body of text, balance, etc.
    - Text Emphasis - use bold/italics as you see fit. There must be at least one example of both.
    - Layout within Each Page - should not be cluttered, should be easy to read, should have clean alignment (use what is appropriate: Left, Right or Centered Alignment)

12. **A well organized File/Folder structure to hold all your html files and images.** Marks will be given based on how well you follow the instructions given in lectures and lab, how/where you stored your web pages in your folder and how/where you stored your images in your website folder/directory.

13. **An uppermost folder called *webassign*.** You must keep your *index.htm*l home page in the upper most folder (the upper most folder must be called *webassign)*. The sub-folders inside *webassign* can be called whatever you

wish. Note though, you will be given marks for appropriate file names and folder names as indicated in class lectures. Also note: the home page called index.html MUST be located in the webassign folder and NOT in a sub-folder of webassign. Thus, this is correct: *webassign/index.html* and this is incorrect: *webassign/pages/index.html*. The incorrect way will NOT display your home page initially so make sure you put *index.html* inside folder *webassign* NOT in a sub-folder of *webassign*.

14. **Read the "FinalTips"** table at the bottom. Some requirements are explained down there only so make sure you read it and follow it while building your website.

HANDING IN ASSIGNMENT 3:

Videos to watch if you need help handing in the assignment - Part 1 and Part 2

STEP 1: SFTPing YOUR WEBSITE TO THE INTERNET

As long as you have your website sitting in a folder called webassign on the GAUL server, then anyone will be able to see your assignment simply by using the URL address, for example:
 http://cs1033.gaul.csd.uwo.ca/~yourwesternuserid/webassign/

You will still be using Winscp or Filezilla to upload your files but a few things will be different:

1. When you run Winscp or Filezilla use the following information:
    1. **Host Name:** *cs1033.gaul.csd.uwo.ca*
        1. **NOTE**: if you are using Filezilla, you will need to put **sftp://cs1033.gaul.csd.uwo.ca**
    2. **Username**: Your Western Username, for example *jsmit27*
    3. **Password:** Your Western Password
    4. **Port:** 1033
    5. **File Protocol:** This SHOULD, by default, be SFTP, but if it is FTP, change it to SFTP

2. You will be put right in the directory where you will upload your webassign folder.
3. Drag your webassign folder from your machine (on the left) up to publish.gaul.csd.uwo.ca (on the right)
4. You no longer need to set permissions, they should be set automatically but you should still double check this by going to your website and checking that your links work.
5. YOU MUST CHECK THAT YOUR WEBSITE WORKS, please follow the instructions below.

STEP 2: TESTING TO SEE IF YOUR WEBSITE IS VIEWABLE FROM THE INTERNET

WARNING: If you want to check if your website is working (all the links are correct and none of the images are broken), you SHOULD check it from an account/machine that was NOT used to make assignment. Thus, if you made your assignment on a home machine/laptop machine, then find another machine on campus to test the ALL the links OR have a friend test the links for you on their machine. It may appear that everything is correct but when your peers go to look at your website, the links may be broken or the images may not appear if you don't check all your web pages and links and images carefully in a browser.

To double check, open a browser and type the following web address: *http://cs1033.gaul.csd.uwo.ca/~youruserid/webassign*. For example: if your username is *lreid*, you would

type: *http://cs1033.gaul.csd.uwo.ca/~lreid/webassign/* This should bring up your home page called index.html. If it doesn't, you have done something wrong, try again or visit a TA during the posted consulting times. If your links or images are not working, this means you are not referencing them correctly in your web page and should check the following troubleshooting tips:

1. You should look at where you stored the page/image and how you linked it to figure out what went wrong.
2. Sometimes deleting it and re-uploading it will fix it.
3. Make sure that all your images and web pages are within the website, i.e. within the folder **webassign**.
4. Make sure that your images are named exactly the same in your file directory panel as the link in your .html file. For example: Cat.jpg is not the same as cat.jpg thus the case is very important in a filename..

STEP 3: SUBMITTING YOUR ASSIGNMENT TO KRITIK AND PEER MARKING

1. You **ALSO MUST** submit a link to your website via kritik.io See below for the details of how to do this.

   ○ Go to Kritik.io and paste in the link to your website. This is the ONLY thing you have to put into the kritik.io text box. It should look like this: cs1033.gaul.csd.uwo.ca/~userid/webassign

2. After the late period for submitting finishes, you will get THREE days to mark 5 of your peers. 10% of your mark will be based on how well you mark your five peers. You will get a better mark the more carefully you mark, so do not be too easy and do not be too hard, just be fair and careful and correct when marking. 10% of your mark will be based on the written comments you leave. Try to explain GENTLY why you removed marks and any issues you had with the student's website AND try to find something to be positive about the submission since people hopefully have worked hard on the website so your comments should be respectful.

3. The last stage, the feedback on feedback stage, is worth 5%, after the peer marking evaluation stage is done. You only get ONE day to complete this stage. Read over the comments and rank them as motivational AND as helpful. Remember that students will be graded on the rankings you give this time so please be thoughtful when doing the rankings. For each of the 5 markers that you rank, you get 1 mark up to a total of 5.

The web server will be VERY busy with 800 students trying to upload their assignment all at the same time. NO extensions will be given because a student couldn't upload their files before the due time. Thus we STRONGLY recommend you try to hand the assignment in the day before it is due, do NOT leave it till the final day. Also note that NO extensions will be given due to lost memory sticks or broken/stolen laptops so make sure you back up your work often.

Late Policy

- Any assignment received after 11:55pm on Friday due date but before 11:55pm on Saturday will lose 15%
- Any assignment received after 11:55pm on Saturday, but before 11:55pm on Sunday will lose 30%.
- Any assignment received after 11:55pm on Sunday, but before 11:55pm on Monday will lose 45%.
- No assignments submitted after 11:55pm on first Monday that followed the Friday due date will be accepted and a grade of ZERO will be given
- NO extensions will be given for computer technical problems, wireless/network issues or Owl connectivity issues. If your machine is having problems, you MUST find another computer to use to complete the assignment. This is a Computer Science course so working laptops/machines are expected and required!

FINAL TIPS:

A lot of the following concepts have been presented during the lectures and used in your lab tutorials, remember to think about them when designing your website.

TECHNICAL		CREATIVE	
Homepage	• Represented as "index.html"	**Colour**	• Colour balance (important) • Pleasing colours to match company profile • Pick an appropriate page background colour
Banner (top)	• Approximate size 150 x 1000 • Can be taller as long as all your side links or top links fit within the window (no scrolling) • Banner must be at the top of EVERY page in your site	**Web page Balance**	• Web page boundaries • Sections: easily identified, easy to read • Effective use of padding in cells
Images	• Clear, no noise • Must have alt tag and hover tag for all images on the home page (banner and any other images excluding buttons (you can put them on your buttons but you don't need to do this))	**Image Links**	• Balance: size • Buttons: suitable size • Colour: what colour are links
Text Colour and Size	• Easy to read • Appropriate size, font type relative to overall web page	**Navigation**	• Easy to navigate through your website and placement
Navigational Links	• Easy to read • Size appropriate with rest of web page • Should not have to horizontally scroll to read link • Target field: new window or not?	**Images**	• Fits with rest of colour scheme • Fits with the content
Property Titles	• Set a property title for each webpage in your website.	**WEBSITE FILE ORGANIZATION**	

	• Follow instructions given out in lecture.		
Bottom of web page	• Long pages should have a Back To Top link to bring the user to the top of that page.	**Files**	• Have an images folder • Use lowercase descriptive filenames with no spaces
Spelling/Grammar	• Use Spell Checker		
Paragraphs	• Most of the times use left alignment for paragraphs. Reserve centering for small things you want to emphasize		
Crowdiness	• Avoid putting text in web pages that runs into table grid lines or image edges. You can add padding to the cell or to the image to spread the text away from the table cell or image edges.		

More help with creating it and handing it in:

- [Watch this to help you get started on the Web Assignment - PART 1 - About 20 minutes](#)
- [Watch this to help you get started on the Web Assignment - PART 2 - About 22 minutes](#)
- [Watch this if you would like to see how to add Google Fonts to your web assignment - PART 3 - About 15 minutes](#)
- [Watch this if you want to see how to put rollover buttons in your web assignment - PART 4 - About 8 minutes](#)

NOTE: this assignment will take MUCH longer than the first assignment to complete. Make sure you start it early and hand it in on the Thursday (the day BEFORE it is due) if you can, then you won't be stressing about filezilla or WinSCP being super busy and you can't upload your files on time.

Submission

This assignment does not accept online submissions. Contact your instructor for additional instructions.

    Done

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- [Help & Support](#)

- [Western University](#)

OWL is the learning management system of Western University. It is a customized version of Sakai.

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