

CS 1011b - The Internet: Behind the Curtain

Assignment 2

Instructor: L. Magguilli

Due Date: March 09, 2018, 6:00pm

Total marks: 100

Percentage of final mark: 15%

Project 1: Use HTML to create Web Pages [35 marks]

Using a plain text editor (example: Brackets, NotePad++ or Notepad), create a web page by typing in the HTML tags (as shown in the lecture notes) and web page content yourself.

NOTE: You can NOT use a web page builder software. This will invalidate the project and the student will receive a zero (0) for this section. (Yes, this is cheating)

The web site should appropriately describe your **favorite book** (yes, I know how hard it will be to pick just one.). You must provide the title of the book, the author, the publisher and the date of printing. You should also include the genre of the book (i.e. sci-fi, mystery, biography, etc.) and a brief (one paragraph max) description in your own words (i.e. 'This book is about a boy and his dog'. - is NOT sufficient. Just provide some general idea on the content of the book).

The second page could contain the list of the characters in the book (just the major characters). The list does not have to be complete, but list the character and a brief description of each character. ('The main character was a psycho-historian who developed the mathematics of predicting the future ...'). Basically, the second page can also contain anything you might want to display as long as it relates to the book. The purpose is to fill in some paragraphs. You will not be graded on the content or how well written. Just have something to add to the page.

The major content MUST be your own words. It cannot all be quotes from other sources.

All images and quotes should have at least an indication of the source (see example below).

It must have the following features:

- 2 pages, with the first page providing a link to the second page
- the second page providing a link back to a specific bookmarked location on the first page
- a title in the title bar of the browser that includes your initials and the name of the book.
- one heading tag
- one piece of text that is bolded
- one piece of text that is either underlined or in italics
- one horizontal line
- one list (either bullet or ordered)
- one link to a related webpage in the world wide web (not your second page)
(this can be a link to the author's home page – or to a wiki article on the book, etc)
- one table that has at least two columns and two rows
- two images **

NOTE: If you use your own images (.jpg or .gif file) and reference them in a relative format, the image file must be stored and referred to in the same folder/directory as your .html files. Alternately you can reference an image on the web (absolute addressing) rather than your own image. If you use an image from another source, simply include a single line indicating the source (the URL). Same applies if you use quotes from another site.

For example: My favorite book is The Foundation Trilogy by Isaac Asimov published by Gnome Press.

The images in your web page only need to have a brief line underneath describing the source, as shown in this example below.

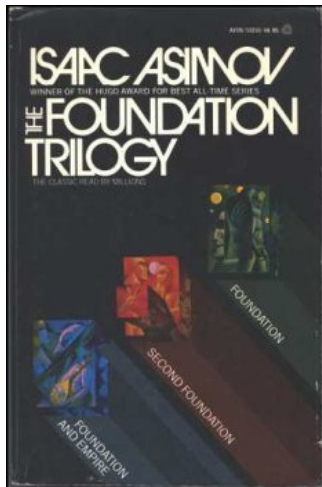


image from GoodReads.com

For this assignment each of the two web pages do not have to contain all of the above features, but between the two pages all of the above features must be demonstrated.

Save your files with your UWO user name, making sure you use all lower case letters:
youraccountname_CS1011_page1.html and youraccountname_CS1011_webpage2.html

Edit your home page (index.html) in your UWO web site so it has a link to the first page of your assignment (i.e. a link to: youraccountname_CS1011_page1.html)

Also edit your home page (index.html) so your name is prominently displayed in the first line as demonstrated in class.

Project 2: Publish a Web Page [20 marks]

Go to the Course Resources section of OWL to get step by step instructions for posting a web page at Western. Complete the instructions provided at this site.

Upload the following files to that site:

- index.html (edited to the specifications above)
- youraccountname_CS1011_webpage1.html
- youraccountname_CS1011_webpage2.html
- any absolute referenced graphic images that need to be included

Go the following site: <http://publish.uwo.ca/~youraccountname> and ensure that your pages are published, the links work for all pages and that all the graphics display properly. It is your responsibility to check all sections function.

Project 3: Life on Mars [35 marks]

“Life on Mars” (2006-2007)

A detective chief inspector from 2006 is investigating a serial killer when he is knocked over by a speeding car. Waking up, he finds himself apparently in 1973. Is he mad, in a coma, or has he travelled back in time? Initially struggling to come to terms with his situation, Sam Tyler has to come to terms with the old-fashioned technology and attitudes of the day, convinced that, if he can find out how he came to be trapped in the past, he can find the way home. The actor John Simm described the show as "a cross between Back to the Future and The Sweeney". It makes effective use of the disorientation of the unwitting time-traveller while taking a post-modern romp through 1970s fashions and technologies, with due tribute paid to the classic police dramas of the day, to fashion a truly unique programme.

source: TV.COM

Welcome to 1973...

The Internet and all the tools available because of it are ubiquitous to our lives. We have become so used to using them and depending on them that we hardly even notice their use.

The purpose of this project is to demonstrate just how interwoven the Internet has become.

You are to go **48 hours without using the Internet or PC technology** in any fashion.

- No surfing
- No viewing (PVR - Streaming – DVD – etc)
- No texting
- No email
- No gaming
- No mobile phone usage (used as a pretend land line only)
- No ATM (either use debit card (as if it was a credit card) or cash.
- No computer use of any kind (there was no common access to computers in 1973).
- No nothing (pretend as if it is 1973 and the 2018 tech in any form is not available)

Okay, that is an impossibility. So here are the rules:

- 1.) You are not to use the Internet or a personal computer or any 2018 technology!
- 2.) If you need to break rule one – you need to have a very good reason why.
- 3.) To break rule one – you must write down (yep, paper and pencil/pen time – 1973 remember) what the usage was and why you had to perform this use.

To prepare for this assignment, select a forty-eight hour period where you believe the need to use the Internet will be the least. But, it cannot be because you are on vacation and/or somewhere where internet access and/or electricity is not available.

Contact anyone who might try communicating electronically with you and inform them of your 48 hour curfew from the Internet.

PART 1.) You will keep a record of your usage for each day.

Each and every time you had to break curfew, you will mark down:

- a.) when you did this (start time – end time)
- b.) what did you use and the purpose of the usage was
- c.) why it had to be done.

Note: Having a friend or loved one surf or text on your behalf counts as breaking curfew. You cannot ask someone to send an email for you. You would still be using the tech even though you had someone else physically do it. Also, if you receive a text or IM, you cannot answer them in any fashion not available in 1973. (So, calling them on the phone is okay, texting back, not so much...)

Seriously, the concept is that neither you, nor anyone around you has access to the Internet. And no, you cannot look over your little sister's shoulder to see what the Kardashians or your favorite sport team are doing this second...

Your submission will be typed into a Word document (after the exercise ends...).

The format of the assignment is:

DATE:

time of usage (start time to end time – approximate)

identify **what** was used and how it was used

write details of why it was necessary to use this technology

EXAMPLE:

Wednesday March 02, 2018

9:20 – 9:32 am

- **MS Outlook** : checked email
- needed to check a school notice (needed it to start homework)

9:50 – 10:20 am

- **Safari** : checked Wikipedia
- needed research for school paper
(would have pretended it was 1973 and gone to the library, but material not on file)

10:40 – 10:45 am

- **iPhone App** : texted Gladys
- forgot to tell her about the assignment, needed to make an appointment (should have called her (pretending to have a land line) instead).

(note: marks will be deducted if any of this information is missing or if in the incorrect format)

You **MUST** keep your paper copy of your usage. If you are invited to discuss your results, you will need to bring this to the meeting to verify your submission. If you cannot produce this paper copy when requested your grade will be adjusted. Repeat: You **MUST** keep your paper copy.

At the end of the forty-eight hours try to prioritize the usage(s) you missed and/or used the most and why.

PART 2.) List these activities in order of priority : greatest to least.

PART 3.) Then summarize your experience and the effect this had. This summary should be at least a paragraph long and should reflect the level of difficulty you experienced.

It is impossible to list all the exceptions and constraints for this exercise for the very reason that the internet is as woven into our lives as air and food. Rule of thumb: If in doubt, do NOT use it. If you have to ask, it probably was not around in 1973. If possible, call and ask a parent or appropriate adult if such technology existed in 1973. Otherwise, if still in doubt about any technology and if was available in 1973, then mark it in your listing and the TA will determine if it was valid.

The use of land lines only for phone calls is impractical since many students no longer have land lines installed. So, you can NOT use the phone in motion or in an area a land line/pay phone would not have been available. (i.e. standing still in a park.) Pick one location in your house/apartment where you would have installed a land line and only call from that location.

You will be graded on two criteria.

- 1.) Did you follow the instructions
- 2.) Amount of thought and effort put into your conclusions and observations.

If you only write a couple of flat sentences, then your grade will reflect this.

There is no 'word limit'. You are expected to write a comprehensive reflection on the exercise. If in doubt, ask a friend to read your observations and ask if they conveyed your thoughts and the personal effect this had. If not, then the Teaching Assistants will not.

Obviously you cannot email me to ask if something is allowed during the exercise, but if you have a question before, please ask in the Forums so all can benefit from your query.

Note: It will be very easy to fake this project and just make up a list of times and activities. BUT ! This would deprive you of learning exactly what the Internet is and how it personally impacts your life. Also, if the project looks fake, you might be asked to visit and chat about your work.

Note: Is it possible to go the entire 48 hours and not break curfew by using some form of modern technology?

answer: Possible but very rare (trust me). If you do manage to go 48 hours, believe it, your summarization will be illustrative to say the least, and you will be invited to come to my office to talk about your experience

Good luck. I have tried this twice (and will do it again sometime during the assignment period).

ANY QUESTION ON PROJECT THREE ARE TO BE DIRECTED TO THE FORUMS IN OWL. ANY EMAILS WILL SIMPLY BE ANSWERED WITH A REQUEST TO RE_ASK IN THE FORUMS !

BASICALLY – FOLLOW THE INSTRUCTIONS WE COVERED IN CLASS !

Project 4: Final Exam [10 marks – 2 each]

Write five (5) multiple choice questions you think would be appropriate for the midterm exam. Base these questions on material covered in the slides or in class.

- Ensure that each multiple choice question has five choices
- Ensure that the majority of questions are framed in a positive context (do not use questions that ask “Choose the option that does not belong)
- Avoid using “all of the above” or “none of the above” answer options, or answers consisting of specific option numbers as possible responses.
- Provide, for each question the correct answer

This will help the professor to gauge the level of difficulty expected by the students and will demonstrate the students’ proficiency in the material.

(...and again, if I use your question(s) you will already know the answer(s))

Submission Instructions:

You must upload and submit, via the CS1011 OWL Web Site, the following file:

youraccountname_Assignment2.docx or *youraccountname_Assignment2.doc*

- this will contain your work from Project Three and Project Four

index.html

youraccountname_CS1011_webpage1.html

youraccountname_CS1011_webpage2.html

- any images required to display your webpages

(example: my UWO email is dernt373@uwo.ca

so, my file name that is to be used for submission is:

dernt373_Assignment2.docx

-or-

dernt373_Assignment2.doc

- (.doc –or- .docx Depends on which version of MS Office used)