

Assignment 1 – HTML Overview

Overview, References and Resources

Before attempting this assignment, students should have read and worked through the following section of the MDN Web Docs:

- **[Complete beginners start here!](#)**
 - Students should pay particular attention to the “Publishing via GitHub” https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Publishing_your_website#publishing_via_github and the “GitHub Setup” module in DC Connect
- Assigned class readings that will facilitate with the tutorials for this assignment can be found under the “HTML – Structuring the web” section in the [Introduction to HTML](#) module

Submission Requirements

Students will do the following as part of the submission of their completed assignment will provide the clickable links to each page created/modified and committed/published to GitHub for this assignment in the DC Connect Assignment 1 Dropbox.

Students are also to ensure that they have added their professor to be “collaborators” on their repositories so they can access and view the commit log for your assignment files.

NOTE: see the “GitHub Setup” module in DC Connect for setup instructions.

If the link is submitted late into the assignment drop box a 25% penalty will be applied to the overall assignment. After 72 hours of the original due date, the drop box will close in DC a mark of zero (0) will be given for the assignment.

HTML Comments

For each and every *.html file that is created for this course, students are to include `<!--` –HTML Comments `-->` these will be in the form:

```
<!--  
Name: Your Name  
File: filename.html  
Date: XX September 202X  
A very brief description of the file.
```

-->

Where students will replace the placeholders with the appropriate information.

HTML5 Validation

For all *.html files created/submitted in this course, for full marks, MUST be validated to the HTML5 standard.

To achieve this, the first four (4) lines of the *.html file(s) have to be:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
```

Created HTML content should be checked through an HTML5 validator (there are several on the Web). Your instructor will check each file to ensure compliance.

GitHub Requirements

For each and every text type (*.html or *.css) file published as part of the assignment submission, there must be at least five (5) change commits. NOTE: The first two will always be the same and more than five commits is allowed, if it makes sense to do so.

1. An initial commit when students add the unmodified/provided tutorial files from the MDN web docs pages.
2. The second commit should be made after `<!--HTML Comments-->` are added to every file
3. A commit when it makes sense to do so.
4. A commit when it makes sense to do so.
5. A commit when the files are ready to be published onto the remote GitHub repository

Once the final commit is completed, students are to use GitHub desktop to publish their files for submission by clicking on the Push Origin button. NOTE: files can be pushed at anytime, but it is imperative that the final versions of the files are pushed to ensure that the changes are assessed.

Specific Requirements

Assignment 1 – Part 1 Requirements

- Download the tutorial files found at https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Marking_up_a_letter

- Work through the exercises, ensuring that the GitHub, HTML Comments and submission requirements are met (see output below).

Dr. Eleanor Gaye
Awesome Science faculty
University of Awesome
Bobtown, CA 99999,
USA
Tel: 123-456-7890
Email: no_reply@example.com

20 January 2016

Miss Eileen Dover
4321 Cliff Top Edge
Dover, CT9 XXX
UK

Re: Eileen Dover university application

Dear Eileen,

Thank you for your recent application to join us at the University of Awesome's science faculty to study as part of your PhD (Doctor of Philosophy) next year. I will answer your questions one by one, in the following sections.

Starting dates

We are happy to accommodate you starting your study with us at any time, however it would suit us better if you could start at the beginning of a semester; the start dates for each one are as follows:

- First semester: 9 September 2016
- Second semester: 15 January 2017
- Third semester: 2 May 2017

Please let me know if this is ok, and if so which start date you would prefer.

Subjects of study

At the Awesome Science Faculty, we have a pretty open-minded research facility — as long as the subjects fall somewhere in the realm of science and technology. You seem like an intelligent, dedicated researcher, and just the kind of person we'd like to have on our team. Saying that, of the ideas you submitted we were most intrigued by are as follows, in order of priority:

1. Turning H_2O into wine, and the health benefits of Resveratrol ($\text{C}_{14}\text{H}_{12}\text{O}_3$)
2. Measuring the effect on performance of funk bass players at temperatures exceeding 30°C (86°F), when the audience size exponentially increases (effect of 3×10^3 increasing to 3×10^4)
3. HTML, Hypertext Markup Language, and CSS, Cascading Style Sheets, constructs for representing musical scores.

So please can you provide more information on each of these subjects, including how long you'd expect the research to take, required staff and other resources, and anything else you think we'd need to know? Thanks.

Exotic dance moves

Yes, you are right! As part of my post-doctorate work, I *did* study exotic tribal dances. To answer your question, my favorite dances are as follows, with definitions:

Polynesian chicken dance

A little known but very influential dance dating back as far as 300 BCE, a whole village would dance around in a circle like chickens, to encourage their livestock to be "fruitful".

Icelandic brownian shuffle

Before the Icelanders developed fire as a means of getting warm, they used to practice this dance, which involved huddling close together in a circle on the floor, and shuffling their bodies around in imperceptibly tiny, very rapid movements. One of my fellow students used to say that he thought this dance inspired modern styles such as Twerking.

Arctic robot dance

An interesting example of historic misinformation, English explorers in the 1960s believed to have discovered a new dance style characterized by "robotic", stilted movements, being practiced by inhabitants of Northern Alaska and Canada. Later on however it was discovered that they were just moving like this because they were really cold.

Yours sincerely,

Dr Eleanor Gaye

University of Awesome motto: "Be awesome to each other." -- *The memoirs of Bill S Preston, Esq.*

Assignment 1 – Part 2 Requirements

- Download the tutorial files found at <https://developer.mozilla.org/en->

[US/docs/Learn/HTML/Introduction to HTML/Structuring a page of content](#)

- Work through the exercises, ensuring that the GitHub, HTML Comments and submission requirements are met.