

Itec/MODR 2915 EN

Fall 2021

Final Exam: Sample Questions



Moodle: <https://eclass.yorku.ca>

Code

- [Trinket 1: Basic HTML](#)
- [Trinket 2: Basic CSS](#)
- [Trinket 3: More CSS](#)
- [Trinket 4: Multiple classes](#)
- [Trinket 5: Flexbox](#)

Reading materials:

- [MDN web docs - Getting started with HTML](#)
- [MDN web docs - Getting started with CSS](#)
- [MDN web docs - CSS Building blocks, The box model](#)
- [MDN web docs - CSS Layout](#)

Question 1:

(a) Given the Excel data set at:

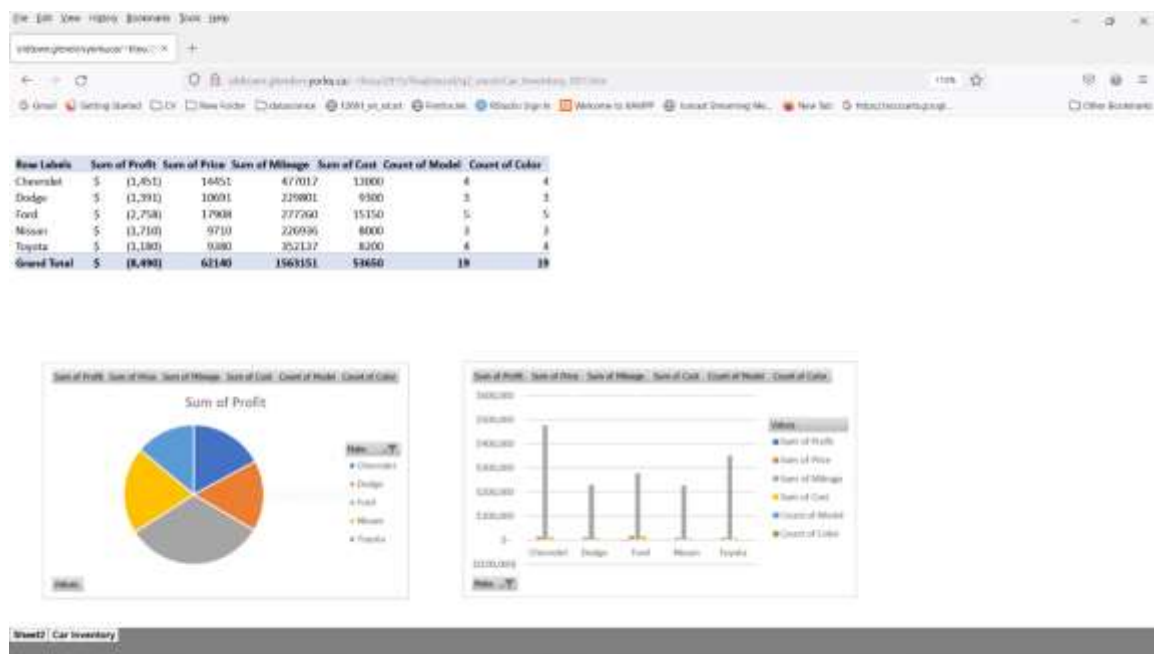
http://oldtown.glendon.yorku.ca/~titou/2915/final/excel/q2_excel/Car_Inventory_001.xlsx

Make a web page at your own URL:

<http://oldtown.glendon.yorku.ca/~yourlastname/2915/final/excel/q1/>

that looks just like this:

http://oldtown.glendon.yorku.ca/~titou/final_2915/questions/excel01.png



(b) Protect your URL above with a **username** and a **password**.
 Write this info in your written report so that I can see the page and grade it.
 Your .htpasswd database must be stored at
/home/yourlastname/dbase/2915/final/10

Question 2:

(a) Starting with this URL :

http://oldtown.glendon.yorku.ca/~titou/2021/2635/final/examples/q2/flex_q1_start01a.html

The css/html ZIP file is at:

<http://oldtown.glendon.yorku.ca/~titou/2021/2635/final/examples/q2.zip>

Modify the CSS above (in q2.zip) so that the result looks as much as possible this video:

<https://youtu.be/jycX6Pzp3e0>

or the one at this link:

http://oldtown.glendon.yorku.ca/~titou/final_2915/video/header001.mp4

Display your result at:

<http://oldtown.glendon.yorku.ca/~yourlastname/2021/final/examples/q2/>

(b) Protect your web page above with **another** username and password. Your httpasswd database must be stored at:
/home/yourlastname/dbase/final/2915/12/

Question 3:

(a) Given the starting URL at:

http://oldtown.glendon.yorku.ca/~titou/final_2915/code/q2.html

Modify the code (css) so that your result looks like this:



Or here:

http://oldtown.glendon.yorku.ca/~titou/final_2915/png/q3.png

Display your result at:

<http://oldtown.glendon.yorku.ca/~yourlastname/2915/final/q2/>

(b) Protect your URL above with **another** username and a password. Write this info in your report so that I can see and grade it. Your .htpasswd database must be stored at **/home/yourlastname/dbase/2915/final/13/**

Question 4:

(a) Given the audio files at:

http://oldtown.glendon.yorku.ca/~titou/2655/strawberryfield/strawberryfields_piste.zip

and the audioplayer at:

<http://oldtown.glendon.yorku.ca/~demo/examples/audioplayer.zip>

Display your audioplayer at your own URL:

<http://oldtown.glendon.yorku.ca/~lastname/2021/2915/>

- (b) Can you mix down the music track in (a) (strawberryfields_piste.zip) using the program sox or ffmpeg and include them in your audioplayer in (a)?

The syntax for converting any two audio files:

ffmpeg -i format1 format2

or

sox format1 format2

- (c) Protect your link in (a) with another username and a password of your choice. (Tell me what they are in your submission so that I can grade it.)

Your htpasswd database must be stored at: **/home/yourlastname/2915/dbase**

Question 5:

Download and install avidemux and audacity at:

<http://oldtown.glendon.yorku.ca/~teaching/binary/>

-- To speed up/slow down audio, use the "**bpm** or beat per minute" in **tempo effect** in Audacity.

-- To speed up/slow down video, use "**fps** or frames per second" filter in Avidemux

Given the youtube video at:

<https://youtu.be/7xYSd4enWwM>

Download the youtube video given above (using youtube-dl); rename it if you wish. Create a new video, named 3-5.mp4, which plays at 3/5 tempo of your downloaded video from youtube.

Embed the newly created slower video at your web URL below as video.html at <http://oldtown.glendon.yorku.ca/~lastname/final/2915/2021/video/>

The desirable format for the web for video is show below.

Hint: Audacity → tempo effect → from 50bpm to 30 bpm

Avidemux → filter (video) → 50 fps to 30 fps

The desirable video format for streaming is given below:

