

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 starting URL at:

http://oldtown.glendon.yorku.ca/~titou/2915/final/sample/q3_start.html

or

```
<!DOCTYPE html>
<html>
  <head>
    <title>Example 1</title>
    <meta charset="utf-8">
    <style>
      body {
        margin: 40px;
      }
    </style>
  </head>

  <body>

    <div class="wrapper">
      <div class="box a">A</div>
      <div class="box b">B</div>
      <div class="box c">C</div>
      <div class="box d">D</div>
      <div class="box e">E</div>
      <div class="box f">F</div>
    </div>
  </body>
</html>
```

Change the CSS so that your final design looks as much as possible like this:

http://oldtown.glendon.yorku.ca/~titou/2915/final/sample/final_sample_question_01.mp4

Hint:

```
.wrapper {
  display: grid;
  grid-gap: 10px;
  grid-template-columns: 1fr 2fr 1fr;
  background-color: #fff;
  color: #444;
}
```

The solution is here:

<http://oldtown.glendon.yorku.ca/~titou/2021/final/examples/q1.html>

To change the order of the boxes, you may edit the http part of the CODE.

Display your result at:

<http://oldtown.glendon.yorku.ca/~yourlastname/2915/final/style1/>

- (b) Protect your URL above with a 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/

Question 2:

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>

- (a) Display your audioplayer at your own URL:

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

- (b) Can you mix down the music track using the program sox or ffmpeg and include them in your audioplayer? Complete this javascript/css audioplayer using all the tracks from this file.

The syntax for converting any two audio files:

ffmpeg -i format1 format2

or

sox format1 format2

- (c) Protect your link in (a) with a 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 3:

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.

