

Midterm -- Itec/MOD 2915

<https://eclass.yorku.ca/mod/assign/view.php?id=1944468>

Due at midnight Wednesday 23, 2022

Please submit a short report (PDF or WORD) with some brief explanation and **URL links** to your results

Responsive Image Gallery with Flexbox, Security and Sway (WORD)

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Question 1: Web security [15 pts]

Protect your URL at: <http://oldtown.glendon.yorku.ca/~lastname/2023/2915/midterm/>

with username “**your last name**” and password “**your student number**”.

Your **.htpasswd database** must be stored at:

[/home/lastname/midterm/.safe/](#)

Question 2: WORD table to contents (SWAY interactive web) [25 pts]

- Starting with the WORD FILE [here](#); Add automatic Table of Contents; Save as a PDF (with links).
- **Your final PDF file to be displayed at:**
<http://oldtown.glendon.yorku.ca/~lastname/2023/2915/midterm/toc.pdf>

Your PDF file should look and behave as close as possible to [this PDF file](#).

Question 3: Flexbox Gallery [60 pts] is a CSS layout module that makes the creation of fully flexible user interfaces possible.

- Create a responsive image gallery at every viewport size.

It's a simple **div** that includes a couple of **img** tags. The images are randomly generated from the Unsplash Source API. I give you this code below. The **.container** class is the flex container, while the **.item** class hold the flex items (direct children) .

```
<link rel="stylesheet" href="style1.css">

<body>

<div class="header">

  <h1>Our Gallery</h1>

  <ul class="nav">

    <li><a href="#">Home</a></li>

    <li><a href="#">About</a></li>

    <li><a href="#">Contact</a></li>

  </ul>

</div>

<div class="gallery">

  

  

  

  

  

  

</div>

</body>
```

I give the class the **starting html** code here: <https://trinket.io/html/e03d9eec65> (no CSS).

The html code has stacked the images next to each other nicely, retaining their original 320×240 px size. But the gallery is not responsive.

Now the student will write the **style1.css** and make some small change in the html code so that your URL at:

<http://oldtown.glendon.yorku.ca/~lastname/2023/2915/midterm/gallery.html>.

will look and behave exactly like this:

➤ <https://willalec.trinket.io/sites/flexgallery03>

THE END