# **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](http://oldtown.glendon.yorku.ca/~teaching/2023/itec2915/nov18/Xero%20Flor%20w%20Polsce%20v.%20Poland-start.docx); 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**](http://oldtown.glendon.yorku.ca/~teaching/2023/itec2915/nov18/Xero%20Flor%20w%20Polsce%20sp.%20v.%20Poland_end.pdf)**.**

**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">

<img class="item" src="https://source.unsplash.com/random/320x240?solitude,water" alt="Image">

<img class="item" src="https://source.unsplash.com/random/320x240?storm,ocean" alt="Image">

<img class="item" src="https://source.unsplash.com/random/320x240?beach,girls" alt="Image">

<img class="item" src="https://source.unsplash.com/random/320x240?sea,water" alt="Image">

<img class="item" src="https://source.unsplash.com/random/320x240?boat,ocean" alt="Image">

<img class="item" src="https://source.unsplash.com/random/320x240?fish,sea" alt="Image">

</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