

# ENSF381 – Lab03

**Section:** L01/L02/L03 *[Keep only one] [They must keep only one, if they made mistake write a note in the feedback section. Don't deduct any mark for wrong value]*

**Date:** 2024-01-29 *[They must write the correct date. For L01 Jan 29, for L02/L03 Jan 31. If they made mistake write a note in the feedback section. Don't deduct any mark for wrong value]*

Created by: Fatemeh Ghaffarpour		
First name	Last name	UCID
X	Y	Z
A	B	C

*[Check the name. If they made mistake write a note in the feedback section. Don't deduct any mark for wrong name or wrong UCID]*

## 2.5.1

[Check the URL. It must be accessible.

The repository should have the following features:

The repository should be accessible; the students' repositories must have public access.

It should contain both a README file and a LICENSE file, 3 HTML files, an images folder with 4 files.

The repository should include a collaborator with the appropriate access permissions.

If it provides all give 4 marks, otherwise deduct 0.5 mark for each missing and write down in the feedback form.

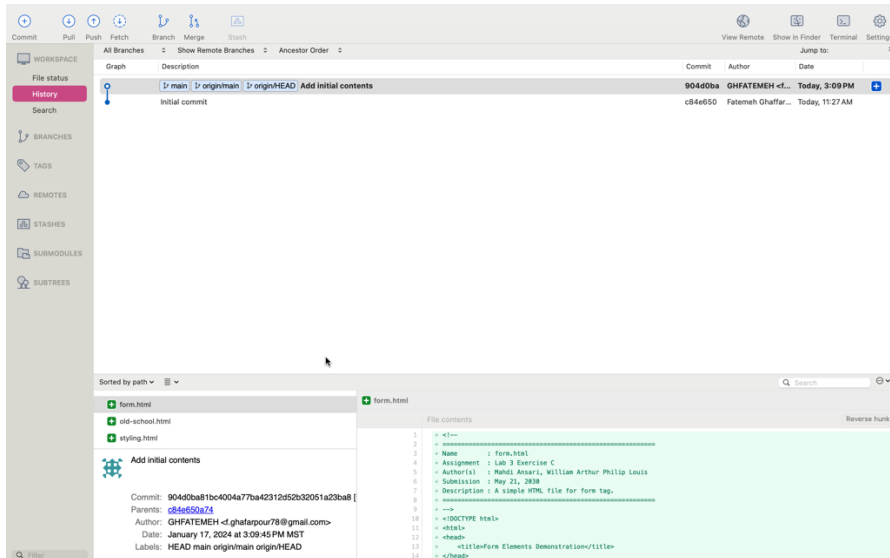
]

Sample URL

<https://github.com/GHFATEMEH/Lab3>

## 2.5.2

[Sample image, give 1 mark if they provided similar picture from SourceTree.]



## 3.2.6

[give 2 marks if they provided similar answer]

They are not effective because we are trying to apply those classes (*large*, *medium* and *small*) on table columns. However, all cells in a column adopt the width of the largest cell. Therefore, as soon as the first column in the first row get 100% width due to the *large* class, the second cell in the second row also get the same width size.

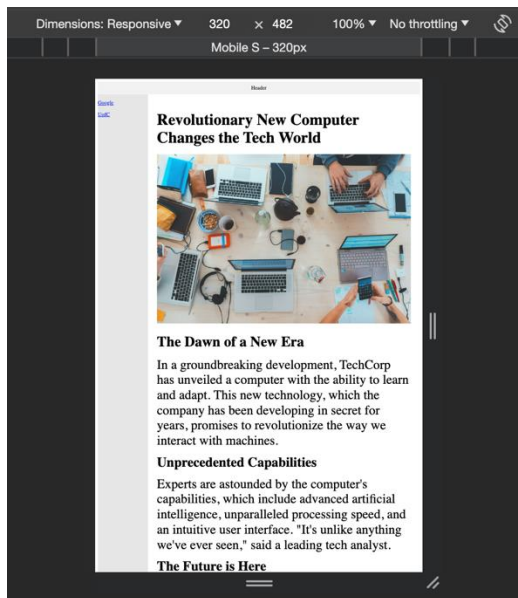
---

### 3.2.9

[give 3 marks if they provided some answer]

By testing different mobile views using device mode on Google Chrome, the content was appropriately adjusted for smaller screens.

Observing different mobile sizes for the HTML page:




### 3.3.1

[give 10 marks if they changed my name (the circle in picture), provided final output and explained what they did. If they provided a picture without changing the name, then check the html file in their repo. Make sure the picture they provided is authentic. If the old-schold.html in their repo does not provide suitable resizing behavior (i.e., 30-70%), then give a zero. If they just uploaded the original file with no changes, then zero.] **Sample Screenshot of the final webpage:**

[Google](#)  
[UoC](#)

Header

## Revolutionary New Computer Changes the Tech World



### The Dawn of a New Era

In a groundbreaking development, TechCorp has unveiled a computer with the ability to learn and adapt. This new technology, which the company has been developing in secret for years, promises to revolutionize the way we interact with machines.


#### Unprecedented Capabilities

Experts are astounded by the computer's capabilities, which include advanced artificial intelligence, unparalleled processing speed, and an intuitive user interface. "It's unlike anything we've ever seen," said a leading tech analyst.

#### The Future is Here

With this release, TechCorp not only sets a new standard in computing but also opens up a world of possibilities for future technology. The company plans to make this technology available to the public by the end of the year.

## Calgary's Natural Beauty Captivates Tourists



### Emerald Oasis in the Heart of the City

Calgary, known for its vibrant city life, is now gaining fame for its lush green spaces and rich biodiversity. The city's parks and riversides have become a haven for nature lovers.

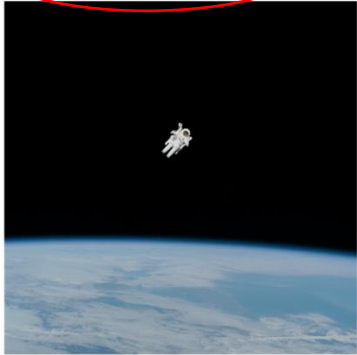
#### Urban Wildlife Flourishes

Recent reports indicate a rise in urban wildlife sightings, adding to the city's allure. Deer, coyotes, and various bird species are now common sights in Calgary's green spaces.

#### A Green Transformation

The transformation of the city into a green paradise has been praised by environmentalists, calling it a perfect blend of urban development and nature conservation.

## Mahdi Ansari Takes a Historic Spacewalk Near the ISS



### A Historic Moment in Space Exploration

In an unprecedented feat of human courage and technological prowess, astronaut Mahdi Ansari completed a spacewalk near the International Space Station (ISS), marking a new milestone in space exploration.

#### A Breathtaking Journey

Ansari, aboard the spacecraft Voyager X, ventured out into the void of space, capturing breathtaking views of Earth and conducting important research that could pave the way for future interstellar travel.

#### Pushing the Boundaries of Science

The successful spacewalk not only demonstrates human resilience but also advances our understanding of space and our capabilities to explore further into the unknown.

Fictional News Article for Educational Use at UoC

### Changes and observations:

- The lines of `.large { width: 100%; } .medium { width: 70%; } .small { width: 30%; }` were uncommented.
- For achieving the 30-70% split for small and medium parts, a new table was created and it contains the part of code related to `class="small news-item"` and `td class="medium news-item"`. Adding this table led to achieving the width for small, medium and large images.

```
<td id="main">
  <table id="main-table">
    <tr>
      <td class="large news-item">
        <!-- Large news item -->
        <header>
          <h1>Revolutionary New Computer Changes the Tech World</h1>
        </header>

        
        <article>
          <h2>The Dawn of a New Era</h2>
          <p>In a groundbreaking development, TechCorp has unveiled a computer with
secret for years, promises to revolutionize the way we interact with mach

          <h3>Unprecedented Capabilities</h3>
          <p>Experts are astounded by the computer's capabilities, which include ac
          "It's unlike anything we've ever seen," said a leading tech analyst.</p>


          <h3>The Future is Here</h3>
          <p>With this release, TechCorp not only sets a new standard in computing
technology available to the public by the end of the year.</p>
        </article>
      </td>
    </tr>
    <tr>
      <td class="large"> |
        <table id="second-table">
          <tr>
            <td class="small news-item" colspan="2">
              <!-- Small news item -->

              <header>
                <h1>Calgary's Natural Beauty Captivates Tourists</h1>
              </header>
```

- The name of Mehdi Ansari was changed to Fatemeh Ghaffarpour in the header of the medium item.

```
<td class="medium news-item">
  <!-- Medium news item -->
  <header>
    <h1>Fatemeh Ghaffarpour Takes a Historic Spacewalk Near the ISS</h1>
  </header>
```

- The changes were committed and pushed to Git.

All Branches ▾ Show Remote Branches ▾ Ancestor Order ▾			Jump to: ▾		
Graph	Description	Commit	Author	Date	
	<a href="#">↗ main</a> <a href="#">↗ origin/main</a> <a href="#">↗ origin/HEAD</a> Changing the name in the header of the medium item.	3821b70	GHFATEMEH <f...	Today, 2:45 PM	
	Fixing width problem.	c9c0661	GHFATEMEH <f...	Today, 2:13 PM	
	Add initial contents	904d0ba	GHFATEMEH <f...	Yesterday, 3:09...	
	Initial commit	c84e650	Fatemeh Ghaffar...	Yesterday, 11:27...	

## 4.2.1

[The screenshot must be from the output not from the code not the code itself. If they provided an authenticate screenshot, then give 15 marks. Check the form.html file in their repo. Make sure they provided changes. The commit and push to their repo must be done by the second person in the group.]

## HTML Form Elements Demo

Personal Information

Name:

Email:

Password:

Choice Elements

Gender:  
☐ Male  
☐ Female  
☐ Other

Choose a fruit:  

Apple  
 Banana  
 Orange  
 Grape  
 Mango

Other Elements

Birthday:

Favorite Color:

Quantity (between 1 and 5):

Range (between 1 and 10):

Homepage:

Feedback:

Choose File No file chosen

☐ Subscribe to newsletter

## 5.2.1

[10 marks if they provided correct screenshots including their address bar. Check the code also.]



## 5.2.2

[5 marks. Sample answer is here. Having no reference is not a problem.]

Why does this margin exist by default in web browsers?

There is a default margin in web browsers that provides a consistent layout for web content. The margin helps the readability of web browsers by making space between the content and the edges of the browser window.

Ref: <https://www.quora.com/Why-do-web-browsers-style-the-HTML-body-tag-to-have-a-margin-by-default#:~:text=If%20there%20was%20no%20default,just%20look%20like%20normal%20text.>

If there was no margin/padding on the body/html then the text would run up against the window border and toolbar where it would be very hard to read.

Ref: <https://stackoverflow.com/questions/19567547/why-do-browsers-style-a-predefined-margin-into-all-webpages>

How this default margin can be removed or overridden?

We can edit the style of the body.

```
body {
```

```
margin: 0; /* Remove body margins */  
}
```

Or you could use this useful Global reset

```
*,  
*::before,  
*::after {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}
```

Ref: <https://stackoverflow.com/questions/9547291/how-to-remove-margin-space-around-body-or-clear-default-css-styles>