

ENSF381 – Lab04 Answer

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: 2024-02-05 *[They must write the correct date. For L01 Feb 05, for L02/L03 Feb 07. If they made mistake write a note in the feedback section. Don't deduct any mark for wrong value]*

Created by:		
First name	Last name	UCID
A	B	C
D	E	F

[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 must be in GitHub.

It must contain README.md, LICENSE, 2 HTML files (flex.html, responsive.html) and menu.css.

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

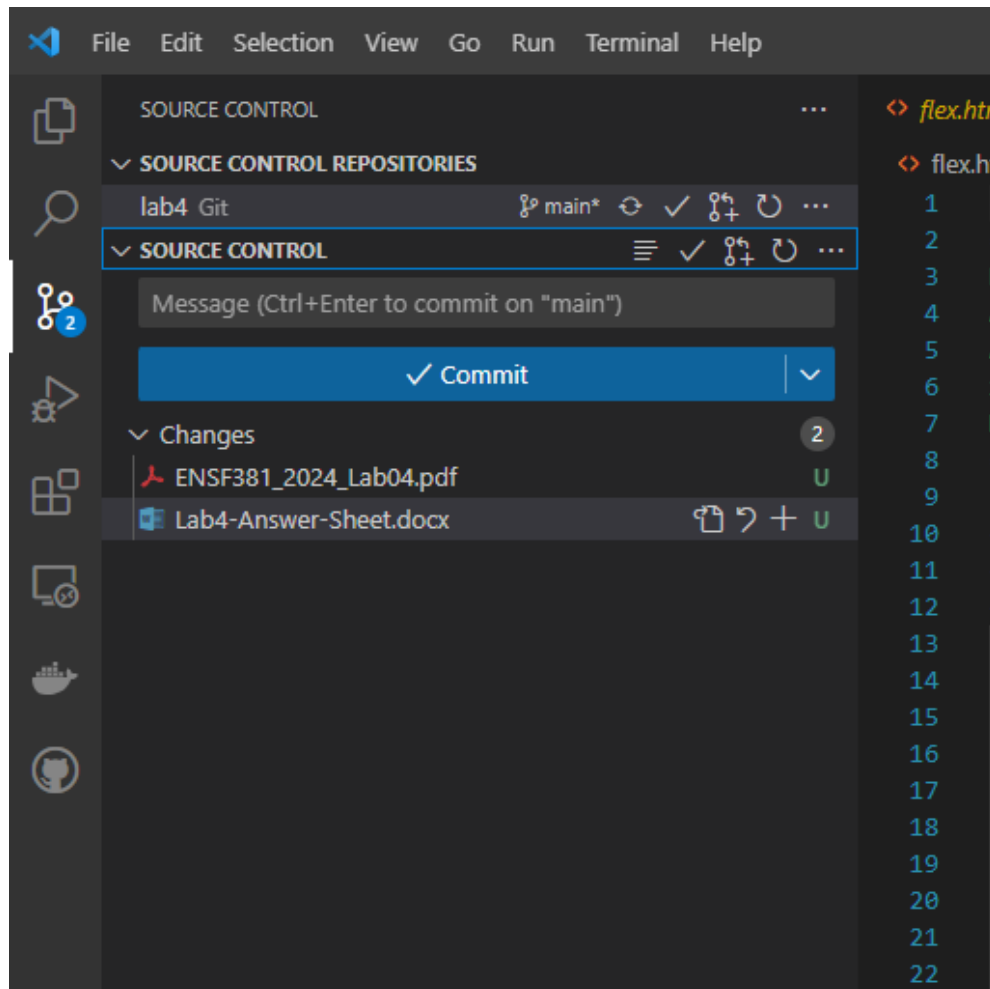
[If all criteria are there give 5 marks]

Sample answer:

<https://github.com/ESDiep/lab4.git>

2.5.2

[Sample answer. If an image from Source Control panel of the VSC has been provided give 5 marks]



3.3.1

[Check the code, run the responsive.html page from their GitHub, it must provide a responsive 30-70% for screens bigger than 769 px and 40-60% for screens less than 76px and 100% for small screens with maximum 480 px. If the functionality is there, and no float or flex used then give 15 marks. For using float reduce 5 marks. If used flex, then give a zero. Here is a sample answer]

```
<style>
  body { margin: 0; padding: 0;}
  img { max-width: 100%; height: auto; }
  .container { width: 100%; box-sizing: border-box;}
  .header, .footer { background-color: #f2f2f2; text-align: center;
padding: 10px; }
  .main { padding: 15px; margin-left: 150px;}
  .gap {height: 50px; width: 100%; box-sizing: border-box; clear: both;}
  .footer { position: fixed; bottom: 0; width: 100%;}
  .news-item { padding: 10px;
  .row{
    display: block;
    box-sizing: border-box;
  }
  .large, .medium, .small {
    box-sizing: border-box;
    float: left;
  }
  @media screen and (min-width: 769px) {
    .large { width: 100%;}
    .medium { width: 70%;}
    .small { width: 30%;}
  }
  @media screen and (max-width: 768px) {
    .menu { width: 100%; display: inline-block;}
    .main { margin-left: 0; }
    .large { width: 100%;}
    .medium { width: 60%;}
    .small { width: 40%;}
  }
  @media screen and (max-width: 480px) {
    .news-item header h1 { font-size: 18px; }
    .medium, .small {
      width: 100%;
      float: none;
    }
  }
</style>
```

4.2.1

[Similar to previous question but this time with flex. Check the code, run the flex.html page from their GitHub, it must provide a responsive 30-70% for screens bigger than 769 px and 40-60% for screens less than 769px and 100% for small screens with maximum 480 px. If the functionality is there, and no float used then give 15 marks. For using float reduce 5 marks. If they haven't used flex give a zero. Here is a sample answer.]

```
<style>
  * {
    /*
      To have the borders included in the total width calculation of your
      elements,
      so that a 70% width and a 30% width element truly add up to 100%
      including their borders,
      Apply border-box to all elements
    */
    box-sizing: border-box;
  }
  body { margin: 0; padding: 0; }
  img { max-width: 100%; height: auto; }
  .container { display: flex; flex-direction: column; min-height: 100vh; }
  .header, .footer { background-color: #f2f2f2; text-align: center;
padding: 10px; width: 100%;}
  .body { display: flex; flex-direction: row;}
  .main { flex: 1; display: flex; flex-direction: column; padding: 15px; }
  .menu { background-color: #e6e6e6; }
  .menu ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    display: flex;
    flex-direction: column;
  }
  .menu ul li {
    padding: 5px 0;
  }
  .menu ul li a {
    padding: 10px;
    text-decoration: none;
    color: #315eff;
  }
  .news-item { padding: 10px; }
  .row { display: flex; flex-wrap: wrap; width: 100%;}
```

```
@media screen and (min-width: 769px) {  
  .menu { width: 150px; }  
  .large { width: 100%; }  
  .medium { width: 70%; }  
  .small { width: 30%; }  
}  
  
@media screen and (max-width: 768px) {  
  .body { flex-direction: column;}  
  .menu ul { flex-direction: row; }  
  .medium { width: 60%; }  
  .small { width: 40%; }  
}  
  
@media screen and (max-width: 480px) {  
  .news-item header h1 { font-size: 18px; }  
  .medium, .small { width: 100%; }  
}  
</style>
```

5.2.1

[Sample output. Image must contain 2 screenshots. Check the repo to have 2 gif files of the html pages. If it has the same structure give 10 marks. For each missing deduct 1 mark and provide feedback.]

Project Overview

This project is to create responsive web design using different technique including:


- Flex box
- Media queries

Team Members

Name
Some name
Another name

Screenshots

Excercise B

 Excercise B final output

Excercise C

 Excercise C final output