

Lab 02

Complete all the tasks as mentioned below.

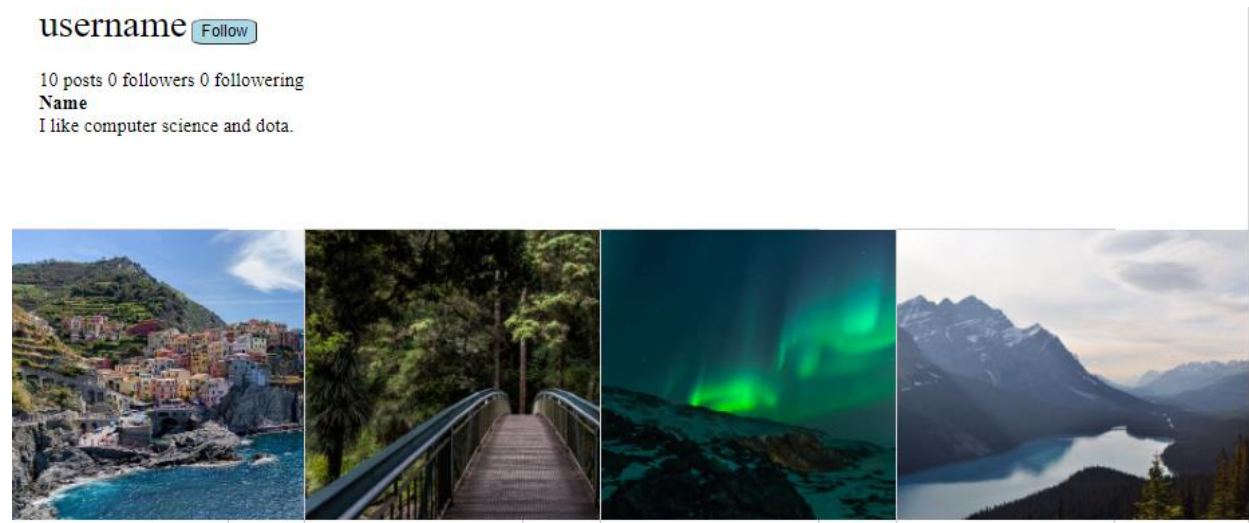
Task 0:

All project groups must have written their names and their topics in the Excel file by the end of week 1. You need to discuss the suitability of your topic with your lab demonstrator and get his approval. Here is the link of the Excel file:

[Project Groups.xlsx](#)

Task 1:

Write a code to display the page in the following format. There are 4 images used, you can use any images



Task 2:

Conduct research on responsive web pages. Save the following code in an HTML file and open it in a browser:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
* {
  box-sizing: border-box;
  font-family: Arial, Helvetica, sans-serif;
```

```
}

body {
  margin: 0;
}

.row::after {
  content: "";
  clear: both;
  display: block;
}

.col-1 {width: 8.33%; float: left;
padding: 15px;}
.col-2 {width: 16.66%; float: left;
padding: 15px;}
.col-3 {width: 25%; float: left;
padding: 15px;}
.col-4 {width: 33.33%; float: left;
padding: 15px;}
.col-5 {width: 41.66%; float: left;
padding: 15px;}
.col-6 {width: 50%; float: left;
padding: 15px;}
.col-7 {width: 58.33%; float: left;
padding: 15px;}
.col-8 {width: 66.66%; float: left;
padding: 15px;}
.col-9 {width: 75%; float: left;
padding: 15px;}
.col-10 {width: 83.33%; float: left;
padding: 15px;}
.col-11 {width: 91.66%; float: left;
padding: 15px;}
.col-12 {width: 100%; float: left;
padding: 15px;}

.header {
  background-color: #9933cc;
  color: #ffffff;
  padding: 15px;
```

```

}

.menu { overflow: hidden;
  background-color: gray;
}

.menu a {

  float: left;
  display: block;

  color: #f2f2f2;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

.menu a:hover {
  background-color: #0099cc;
}
img {
  max-width:100%;
  height: auto;
}
</style>
</head>
<body>

<div class="header">
  <h1 style="text-align:center;" >Responsive Web Design</h1>
</div>

<div class="row">
  <div class="col-12 menu">

    <a href="homepage.html" > HomePage </a> </li>
    <a href="search.html" > search </a> </li>
    <a href="seller.html" > Seller page </a> </li>
    <a href="About us.html" > About Us</a> </li>
    <a href="Feedback.html" > Feedback </a> </li>

  </div>

```

```

<div class="col-4">
  <h1>The Course</h1>
  <p>Responsive web design course includes HTML, CSS, PHP, MYSQL</p>
  <p>Resize the browser window to see how the content respond to the
resizing.</p>
</div>

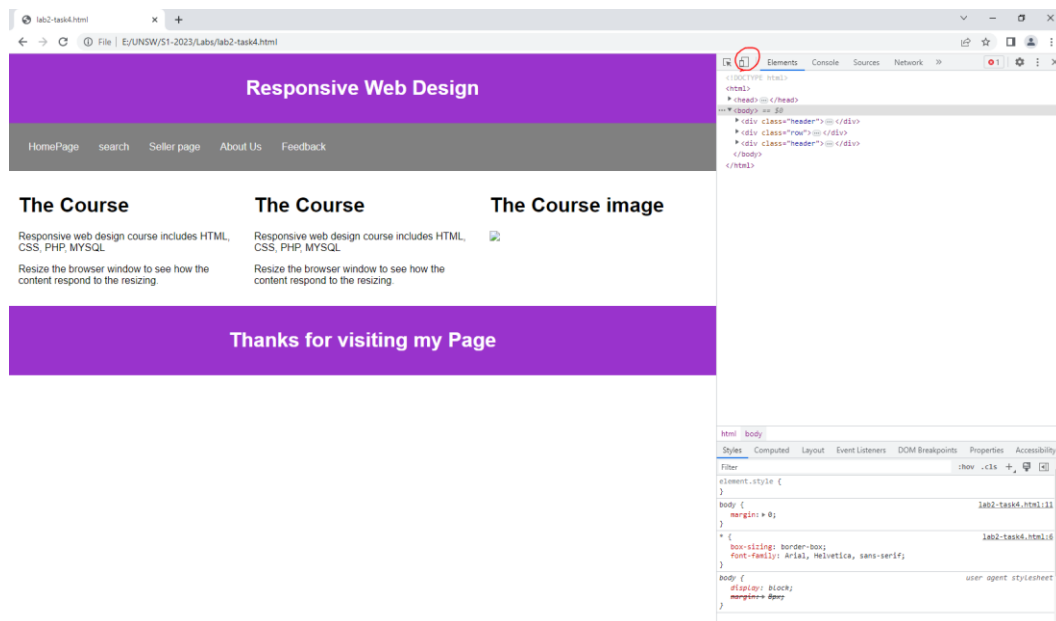
<div class="col-4">
  <h1>The Course</h1>
  <p>Responsive web design course includes HTML, CSS, PHP, MYSQL</p>
  <p>Resize the browser window to see how the content respond to the
resizing.</p>
</div>

  <div class="col-4">
    <h1>The Course image</h1>
    <p> </p>
  </div>
</div>

<div class="header">
  <h1 style="text-align:center;" >Thanks for visiting my Page</h1>
</div>
</body>
</html>

```

Then, change the resolution of the device and check the output:



Task 3:

In the first task of Lab1 you created an HTML table. Create an appropriate CSS style to enhance the design of the table and create an output like this:

Schedule					
Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	CS305 - Lecture		CS305 - Lab		CS102 - Lecture
10:00		PHY201 - Lecture		PHY201 - Lab	
11:00	CHEM207- Lecture		CHEM207- Lab		CS102 - Lab
Noon	L UNCH Break				

Task 4:

In Task 5 of Lab1 you created a simple webpage for a local restaurant. Use Bootstrap and improve the design of your webpage. Here is the list of requirements:

You have been tasked with creating a webpage for a local restaurant that allows customers to order food online. The webpage must include a menu displayed in a table format and a form for customers to enter their order details.

- 1- Use HTML tags to create a webpage with a header, footer, and navigation menu.
- 2- Create a separate HTML file for the menu page and contact page.
- 3- Use basic HTML elements such as headings, paragraphs, and links to create content for the homepage, menu page, and contact page.
- 4- Create a table to display the menu items, including the name of the item, a brief description, the price, and an image.
- 5- Create a form that allows customers to enter their order details, including their name, phone number, email address, and the items they would like to order. Use HTML form tags to structure the form.
- 6- Use Bootstrap to style the webpage, menu page, and contact page. The design must be responsive that looks good on all devices.

Task 5:

Practice on <https://www.w3schools.com/>

<https://www.w3schools.com/bootstrap5/>