Lab2 Solution:

Task 1:

```
<!DOCTYPE html>
<html>
<head>
<style>
.ddd{
float:left;}
<!DOCTYPE html>
<!DOCTYPE html>
<html>
<head>
<style>
.ddd{
float:left;}
.picture{column-count:4;
border-top:lightgrey 1 solid;
padding-top:10px;
margin:60px 60px 30px 10px;
div.gallery {
 margin: 5px;
 border: 1px solid #ccc;
 float: left;
 width: 180px;
div.gallery img {
 width: 200%;
 height: auto;
</style>
</head>
<body>
<div class="ddd">
<span style=font-size:2em>&nbsp&nbsp&nbsp&nbsp&nbspusername</span>
<button style=background-color:lightblue;border-radius:20%>Follow</button>
0 followering
```

```
<div class=picture>
<div class="gallery">
   <img src="https://www.w3schools.com/css/img_5terre.jpg" alt="Cinque Terre"</pre>
width="600" height="400">
</div>
<div class="gallery">
   <img src="https://www.w3schools.com/css/img_forest.jpg" alt="Forest"</pre>
width="600" height="400">
</div>
<div class="gallery">
   <img src="https://www.w3schools.com/css/img lights.jpg" alt="Northern</pre>
Lights" width="600" height="400">
</div>
<div class="gallery">
 <img src="https://www.w3schools.com/css/img_mountains.jpg" alt="Mountains"</pre>
width="600" height="400">
</div>
</div>
</body>
```

Task 2:

Task 3:

```
<!DOCTYPE html>
<html>
<body>
<h2>Basic HTML Table</h2>
<style>
table {border-collapse: collapse; font-family: helvetica}
td {border: 1px solid;
      padding: 10px;
      min-width: 200px;
      background: white;
      box-sizing: border-box;
      text-align: left;
th {border: 1px solid;
      padding: 10px;
      min-width: 200px;
      background: rgb(140,140,140);
      box-sizing: border-box;
     text-align: left;
```

```
.table-container {
 position: relative;
 max-height: 300px;
 width: 500px;
 overflow: scroll;
thead th {
 position: -webkit-sticky;
 position: sticky;
 top: 0;
 z-index: 2;
 background: hsl(20, 50%, 70%);
thead th:first-child {
 left: 0;
  z-index: 3;
tfoot {
 position: -webkit-sticky;
 bottom: 0;
  z-index: 2;
tfoot td:first-child {
  z-index: 3;
tbody {
 overflow: scroll;
 height: 200px;
tr td{
  background: rgb(0,140,140);
tfoot td {
 position: sticky;
 bottom: 0;
 z-index: 2;
 background: hsl(80, 50%, 70%);
tr > :first-child {
```

```
position: -webkit-sticky;
  position: sticky;
  background: rgb(140,140,140);
  left: 0;
tr > :first-child {
 box-shadow: inset 0px 1px black;
</style>
<TABLE BORDER=1 CELLPADDING=5>
    <TR ALIGN=CENTER VALIGN=MIDDLE>
    <TH >Time</TH>
    <TH>Monday</TH>
    <TH>Tuesday</TH>
    <TH>Wednesday</TH>
    <TH>Thursday</TH>
    <TH>Friday</TH>
    </TR>
    <TR ALIGN=CENTER VALIGN=MIDDLE>
    <TD>9:00</TD>
    <TD>CS305 - Lecture</TD>
    <TD></TD>
    <TD>CS305 - Lab</TD>
    <TD></TD>
    <TD>CS102 - Lecture</TD>
    <TR ALIGN=CENTER VALIGN=MIDDLE>
    <TD>10:00</TD>
    <TD ROWSPAN=2>PHY201 - Lecture</TD>
    <TD></TD>
    <TD ROWSPAN=2>PHY201 - Lab</TD>
    <TD></TD>
    </TR>
    <TR ALIGN=CENTER VALIGN=MIDDLE>
    <TD>11:00</TD>
    <TD>CHEM207- Lecture</TD>
    <TD>CHEM207- Lab</TD>
    <TD>CS102 - Lab</TD>
    </TR>
    <tfoot>
    <TR ALIGN=CENTER VALIGN=MIDDLE>
    <TD>Noon</TD>
```

Task 4:

```
<!DOCTYPE html>
<html lang="en">
 <title>Local Restaurant</title>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <!-- Bootstrap CSS -->
 <link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
 integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
 <!-- Custom CSS -->
 <link rel="stylesheet" href="style.css">
<body>
 <!-- Navigation -->
 <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
   <a class="navbar-brand" href="#">Local Restaurant</a>
   <button class="navbar-toggler" type="button" data-toggle="collapse" data-</pre>
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
     <span class="navbar-toggler-icon"></span>
   </button>
   <div class="collapse navbar-collapse" id="navbarNav">
     <a class="nav-link" href="index.html">Home</a>
       <a class="nav-link" href="menu.html">Menu</a>
       <a class="nav-link" href="contact.html">Contact Us</a>
```

```
</div>
 </nav>
 <!-- Homepage -->
 <div class="container">
   <div class="jumbotron">
    <h1 class="display-4 text-center">Welcome to Local Restaurant</h1>
    We serve the best food in town.
    <hr class="my-4">
    Come dine with us and experience the taste of our
delicious dishes.
    <a class="btn btn-primary btn-lg"</pre>
href="menu.html" role="button">View Menu</a>
  </div>
 </div>
 <!-- Menu Page -->
 <div class="container">
   <h1 class="text-center">Menu</h1>
   Item
       Description
       Price
       Pic
     Burger
       A juicy beef burger with all the fixings
       $10.99
       <img class="img-fluid" src="images/burger.png" alt="Burger"</pre>
Pizza
       A delicious pizza with your choice of toppings
       $12.99
       <img class="img-fluid" src="images/pizza.jfif" alt="Pizza"
width=100 height=100>
     Salad
       A fresh and healthy salad with your choice of dressing
       $8.99
       <img class="img-fluid" src="images/salad.jpg" alt="Salad"
width=100 height=100>
     </div>
```

```
<div class="container">
    <h1 class="text-center">Contact Us</h1>
    <form action="submit-form.php" method="post">
      <div class="form-group">
        <label for="name">Name:</label>
        <input type="text" class="form-control" id="name" name="name"</pre>
required>
      </div>
      <div class="form-group">
        <label for="email">Email:</label>
        <input type="email" class="form-control" id="email" name="email"</pre>
required>
      </div>
      <div class="form-group">
        <label for="message">Message:</label>
        <textarea class="form-control" id="message" name="message" rows="5"</pre>
required></textarea>
      </div>
      <button type="submit" class="btn btn-primary">Submit
    </form>
 </div>
</body>
</html>
```