**Course Code: CSE3150** 

**Course Title: Front End Full Stack Development** 

Lab sheet 6 - Module 2

## **Problem Statement:**

Create a Responsive image grid using Bootstrap 5. Bootstrap image grid is a simple construction that allows you to create a responsive layout for your images. To create an image grid, use a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive.

Hint: Use predefined grid class such as .container, .row, .col and default grid tiers to create a grid.

## **Solution:**

```
<!doctype html>
<html lang="en">
 <head>
  <title>Grid Image</title>
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"</pre>
integrity="sha384-
w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN"
crossorigin="anonymous"></script>
 </head>
 <style>
  img {
    height: 100%;
```

```
}
  .wrapper {
    max-width: 800px;
  }
 </style>
 <body class="bg-light">
  <div class="wrapper mx-auto py-4">
    <div class="container">
      <!-- Stack the columns on mobile by making one full-width and the other half-width -->
      <div class="row ">
       <div class="col-md-8 pb-4">
        <img class=" d-block w-100 object-fit-fill" src="https://images.unsplash.com/photo-</pre>
1426604966848-d7adac402bff?ixlib=rb-
format&fit=crop&w=500&q=60" alt="">
       </div>
       <div class="col-12 col-md-4 pb-4">
        <img class=" d-block w-100 object-fit-fill" src="https://images.unsplash.com/photo-</pre>
1501854140801-50d01698950b?ixlib=rb-
4.0.3&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&
w=1275&q=80" alt="">
       </div>
      </div>
      <!-- Columns start at 50% wide on mobile and bump up to 33.3% wide on desktop -->
```

```
<div class="row">
       <div class="col-6 col-md-4 pb-4">
         <img class="d-block w-100 object-fit-cover" src="https://images.unsplash.com/photo-</pre>
1470252649378-9c29740c9fa8?ixlib=rb-
4.0.3&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&
w=1170&q=80" alt="">
       </div>
       <div class="col-6 col-md-4 pb-4">
         <img class=" d-block w-100 object-fit-cover" src="https://images.unsplash.com/photo-</pre>
1431794062232-2a99a5431c6c?ixlib=rb-
4.0.3&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&
w=1170&q=80" alt="">
       </div>
       <div class="col-12 col-md-4 pb-4">
         <img class="d-block w-100 object-fit-cover" src="https://images.unsplash.com/photo-</pre>
1470770903676-69b98201ea1c?ixlib=rb-
4.0.3&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&
w=1170&q=80" alt="">
       </div>
      </div>
      <!-- Columns are always 50% wide, on mobile and desktop -->
      <div class="row">
       <div class="col-6 pb-4" >
         <img class="d-block w-100 object-fit-cover" src="https://images.unsplash.com/photo-</pre>
1552083375-1447ce886485?ixlib=rb-
```

4.0.3 & ixid = MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8 & auto = format & fit = crop & fit = format & fit = format & fit = crop & fit = format &
w=1170&q=80" alt="">
<div class="col-6 pb-4"></div>
<img alt="" class="d-block w-100 object-fit-cover" src="https://images.unsplash.com/photo-&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;1565118531796-763e5082d113?ixlib=rb-&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;4.0.3 &amp; ixid = MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8 &amp; auto = format &amp; fit = crop &amp; fit = format &amp; fit = format &amp; fit = crop &amp; fit = format &amp; fo&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;w=1170&amp;q=80"/>

## **Output:**

