

Lab 7  
CSC 2053 - Platform Based Computing  
Grading: 30 points  
Due Date: Nov 16th, 2018

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**Description:**

In this lab we will continue to build upon our web knowledge from the previous lab.

**Part 1** - Choose what kind of website you will be making. It could be your personal website, a product or company website, blog, or social media knock-off. Be creative! Get familiar with the bootstrap introduction and starter template. You should begin your page with the starter template for bootstrap.

See <https://getbootstrap.com/docs/4.1/getting-started/introduction/>

**Part 2** - Add font awesome to your website. Use the font awesome CDN (do a search for the URL). Include it as you did the bootstrap CSS.

**Part 3** - Add a navigation bar to your layout.jade.

See <https://getbootstrap.com/docs/4.1/components/navbar/> for the reference. Here is the basic template that I used in class.

```
<nav class="navbar navbar-expand-lg navbar-light bg-light">
  <a class="navbar-brand" href="#">Navbar</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse"
    data-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">
    <ul class="navbar-nav">
      <li class="nav-item active">
        <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Features</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Pricing</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#">Disabled</a>
      </li>
    </ul>
  </div>
</nav>
```

Your navigation bar must include a **Brand e.g. navbar-brand** (icon optional) and **at least 3 menu items corresponding to 3 different sections**.

**Part 4** - Add multiple sections to your website to create a 1 page design. Use div's with custom classes to (like block1, block2) to create these separate sections. You can use the min-height CSS property to partition the page.

**Part 5** - Download and add a high resolution image as a background element to your page. I suggest searching on the Pexels website. You may add the background to one or more blocks of your website. You may want to apply a background-size: cover in your CSS

**Part 6** - Add social media icons to your website using font-awesome.

**Deliverables:** Upload screenshots of your website showing the multiple sections and the associated HTML, images, CSS files