RESPONSIVE
PROJECTS

BOOTSTRAP
(https://getbootstrap.com/)

Bootstrap Overview

Bootstrap is a comprehensive external CSS and Javascript library designed to simplify many of the most common tasks in producing conventional web layouts.

Bootstrap Overview

One of the core purposes of Bootstrap is that using it correctly produces a website that is “automatically” responsive.

Bootstrap Overview

The way to use Bootstrap is relatively simple; the system is basically a *ton* of CSS Classes to be used in specific ways.

Bootstrap Overview

Additionally, Bootstrap includes many “polyfill” solutions to improve cross-browser compatibility and consistency.

Bootstrap Example

Let’s look at a very basic example.

(https://github.com/effieVision/DM-UY-2193-A/tree/master/17_oct28_day17/bootstrapexample)

Bootstrap Overview

We can think of the “core” of bootstrap as applying size classes to our content.

Bootstrap Grid Classes

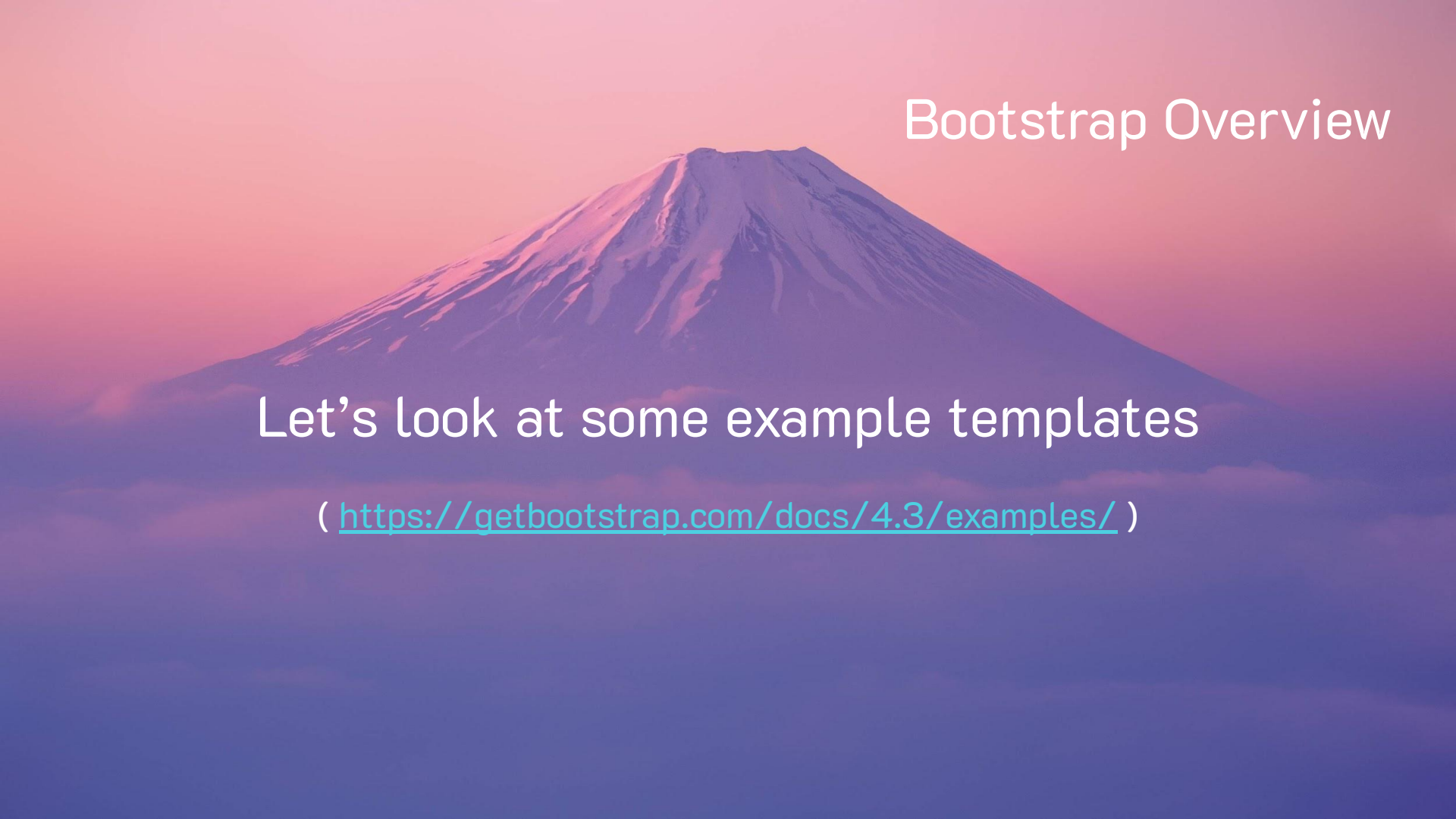
	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	`.col-`	`.col-sm-`	`.col-md-`	`.col-lg-`	`.col-xl-`
# of columns	12				
Gutter width	30px (15px on each side of a column)				
Nestable	Yes				
Column ordering	Yes				

Bootstrap Overview

```
<div class="container">
  <div class="row">
    <div class="col-sm">
      One of three columns
    </div>
    <div class="col-sm">
      One of three columns
    </div>
    <div class="col-sm">
      One of three columns
    </div>
  </div>
</div>
```

Let's look at how columnar layouts work

(https://getbootstrap.com/docs/4.3/layout/grid/)



Bootstrap Overview

Let’s look at some example templates

(https://getbootstrap.com/docs/4.3/examples/)

Bootstrap Overview

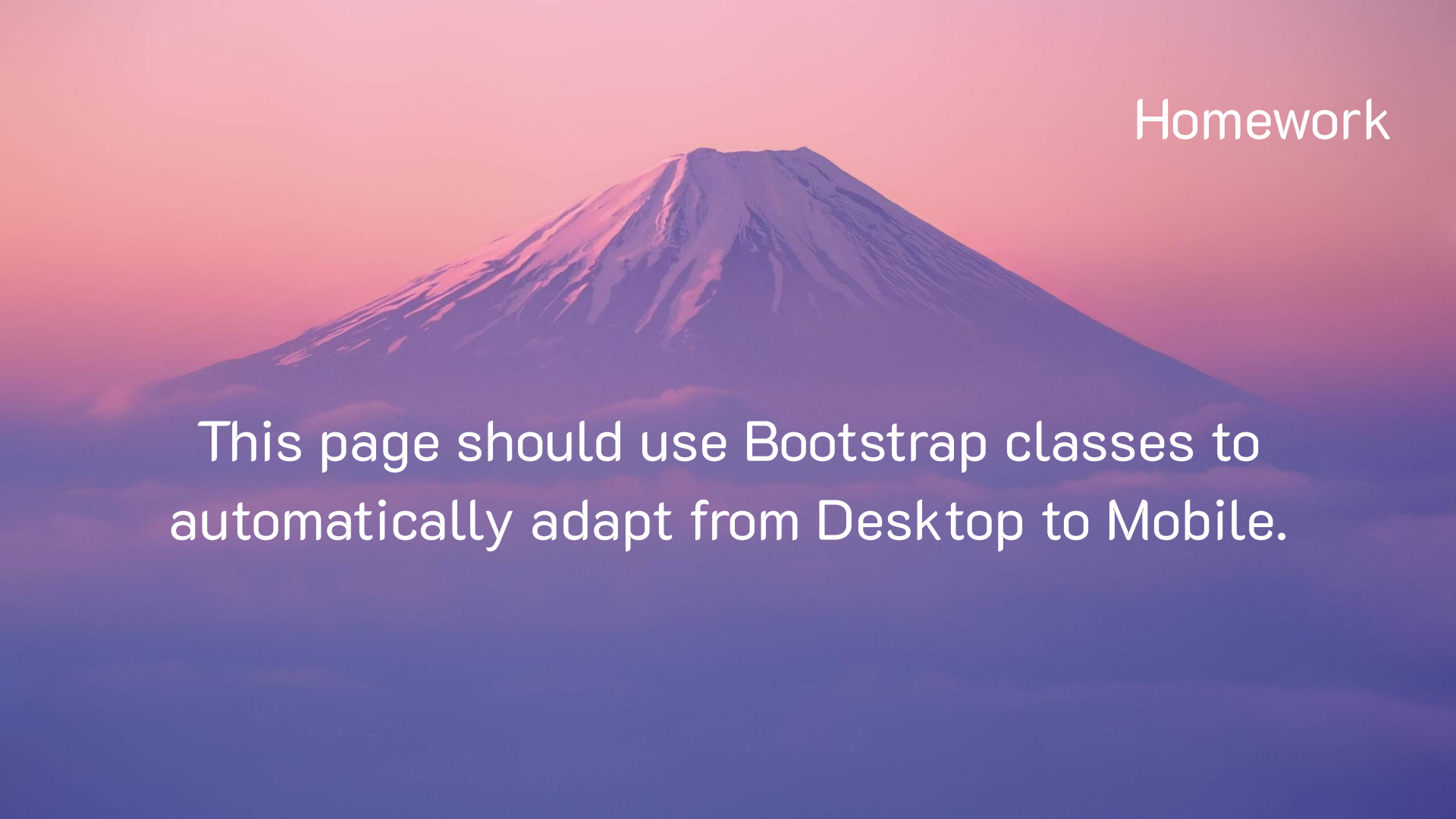
Let’s look at some external resources:

- https://www.w3schools.com/bootstrap4/bootstrap_colors.asp
- https://mdbootstrap.com/docs/jquery/css/colors/
- https://bootstrap.themes.guide/
- https://bootswatch.com/

H MEW RK

Homework

Using Bootstrap, create a one-page website that serves as an invitation or promo-site for a real or fictional Halloween party- it could be for a small halloween event with friends, a Halloween fundraiser for a non-profit cause, or something as big as a music festival. Up to you!



Homework

This page should use Bootstrap classes to automatically adapt from Desktop to Mobile.

Homework

Feel free to base your page off of any of the default Bootstrap examples, or any "Bootstrap Templates" you find on the internet. This is the *one assignment* where it's okay to include a lot of different example code.