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# RESPONSIVE WEB DESIGN II

## Lecture 16

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# TODAY'S TOPICS



- Bootstrap Nav & Navbar
- **Exercise:** Bootstrap This!

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# ANNOUNCEMENTS

- Sign-in Sheet



**QUESTIONS**

# BOOTSTRAP NAV

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# BOOTSTRAP NAV



- Bootstrap's Nav component can be used for basic navigation
- The nav component can be built using an `<ul>`, `<ol>`, or `<nav>` tag
- The `.nav`, `.nav-item`, and `.nav-link` classes are used

# NAV

```
<!-- using a list -->
<ul class="nav">
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
</ul>
```

```
<!-- using a nav -->
<nav class="nav">
  <a class="nav-link" href="#">Link</a>
  <a class="nav-link" href="#">Link</a>
</nav>
```

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# BOOTSTRAP NAV



- The nav component and nav links can be displayed differently
- Nav links can be displayed as active or disabled
- Nav component can be in **tabs** or **pills**



# NAV

```
<!-- nav link state -->
```

```
<nav class="nav">
```

```
  <a class="nav-link active" href="#">Link</a>
```

```
  <a class="nav-link disabled" href="#">Link</a>
```

```
</nav>
```

```
<!-- tabs navigation -->
```

```
<nav class="nav nav-tabs">
```

```
  <a class="nav-link active" href="#">Link</a>
```

```
  <a class="nav-link disabled" href="#">Link</a>
```

```
</nav>
```

```
<!-- pills navigation -->
```

```
<nav class="nav nav-pills">
```

```
  <a class="nav-link active" href="#">Link</a>
```

```
  <a class="nav-link disabled" href="#">Link</a>
```

```
</nav>
```

**HANDS-ON**

# BOOTSTRAP NAVBAR

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# BOOTSTRAP NAVBAR



- Bootstrap's **Navbar** component is intended to be used as a site main navigation
- The **navbar** is responsive by default and easily modified
- The **navbar** includes many different features and subcomponents
- The navbar requires the **.navbar** and **.navbar-expand-{breakpoint}** classes and a color scheme
- The main navigation needs to be placed inside a **.navbar-nav** container

# NAVBAR

```
<nav class="navbar
    navbar-expand-sm
    bg-light
    navbar-light">
  <div class="navbar-nav">
    <a class="nav-link active" href="#">Link</a>
    <a class="nav-link" href="#">Link</a>
  </div>
</nav>
```

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# BOOTSTRAP NAVBAR



- A branding style can be achieved using `.navbar-brand`
- Forms can be added by using `.form-inline` class
- The `navbar` placement can be changed by using the `position utilities`

# NAVBAR

```
<nav class="navbar
    navbar-expand-sm
    bg-light
    navbar-light
    fixed-top">
  <a class="navbar-brand" href="#">Bootstrap</a>
  <div class="navbar-nav">
    <a class="nav-link active" href="#">Link</a>
    <a class="nav-link" href="#">Link</a>
  </div>
</nav>
```

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# BOOTSTRAP NAVBAR



- The navbar has built in responsive behaviours
- The navbar component has the ability to collapse behind a button
- The navbar toggler is used to show and hide the navigation
- The navbar uses the following classes:
  - `.navbar-toggler`
  - `.navbar-collapse`
  - `.navbar-expand-{breakpoint}`



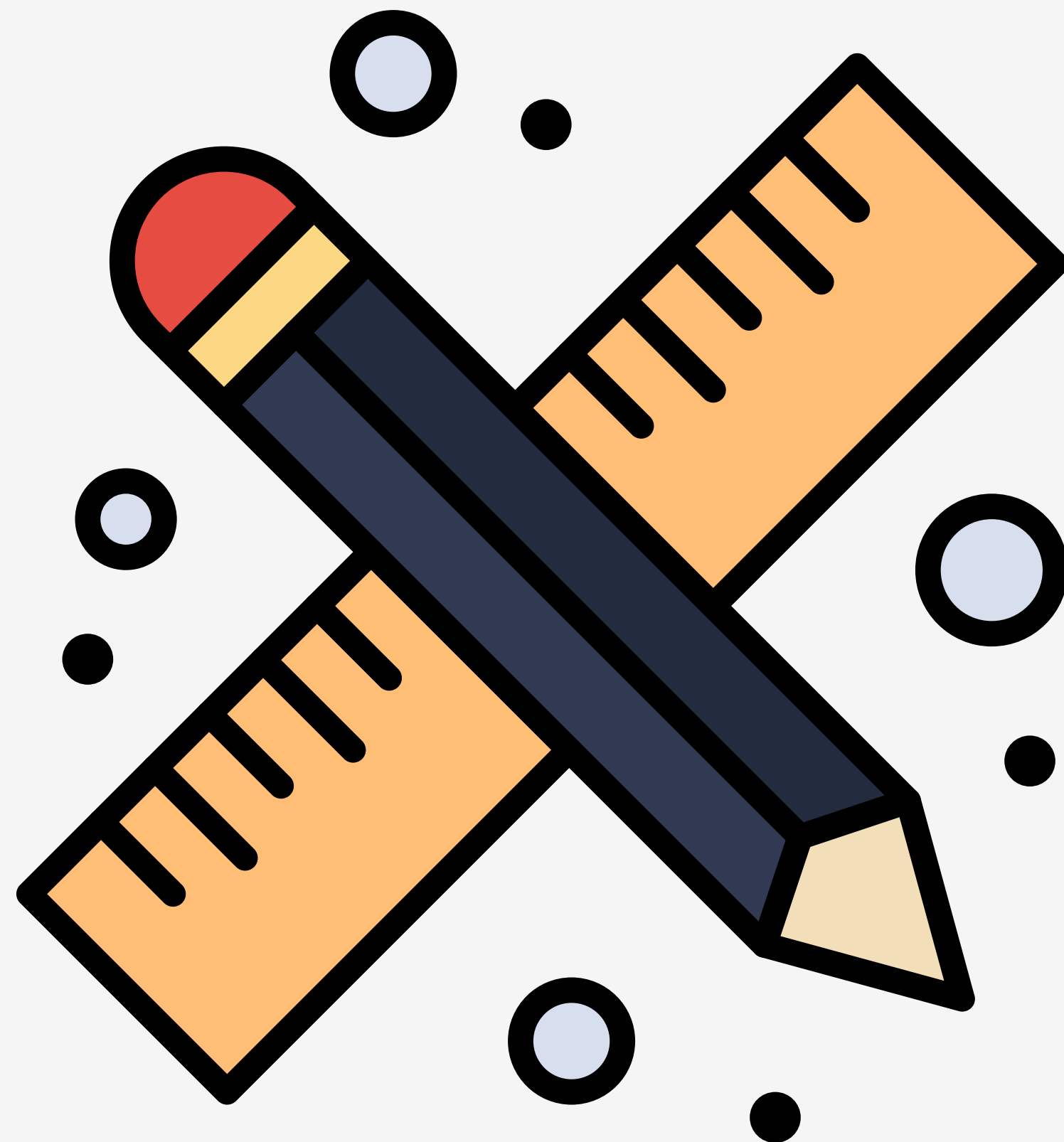
# NAVBAR

```
<nav class="navbar
    navbar-expand-sm
    bg-light
    navbar-light
    fixed-top">
  <a class="navbar-brand" href="#">Bootstrap</a>
  <button class="navbar-toggler"
    data-toggle="collapse"
    data-target="#navbarNav">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div id="navbarNav" class="collapse navbar-collapse">
    <div class="navbar-nav ml-auto">
      <a class="nav-link active" href="#">Link</a>
      <a class="nav-link" href="#">Link</a>
    </div>
  </div>
</nav>
```

**HANDS-ON**

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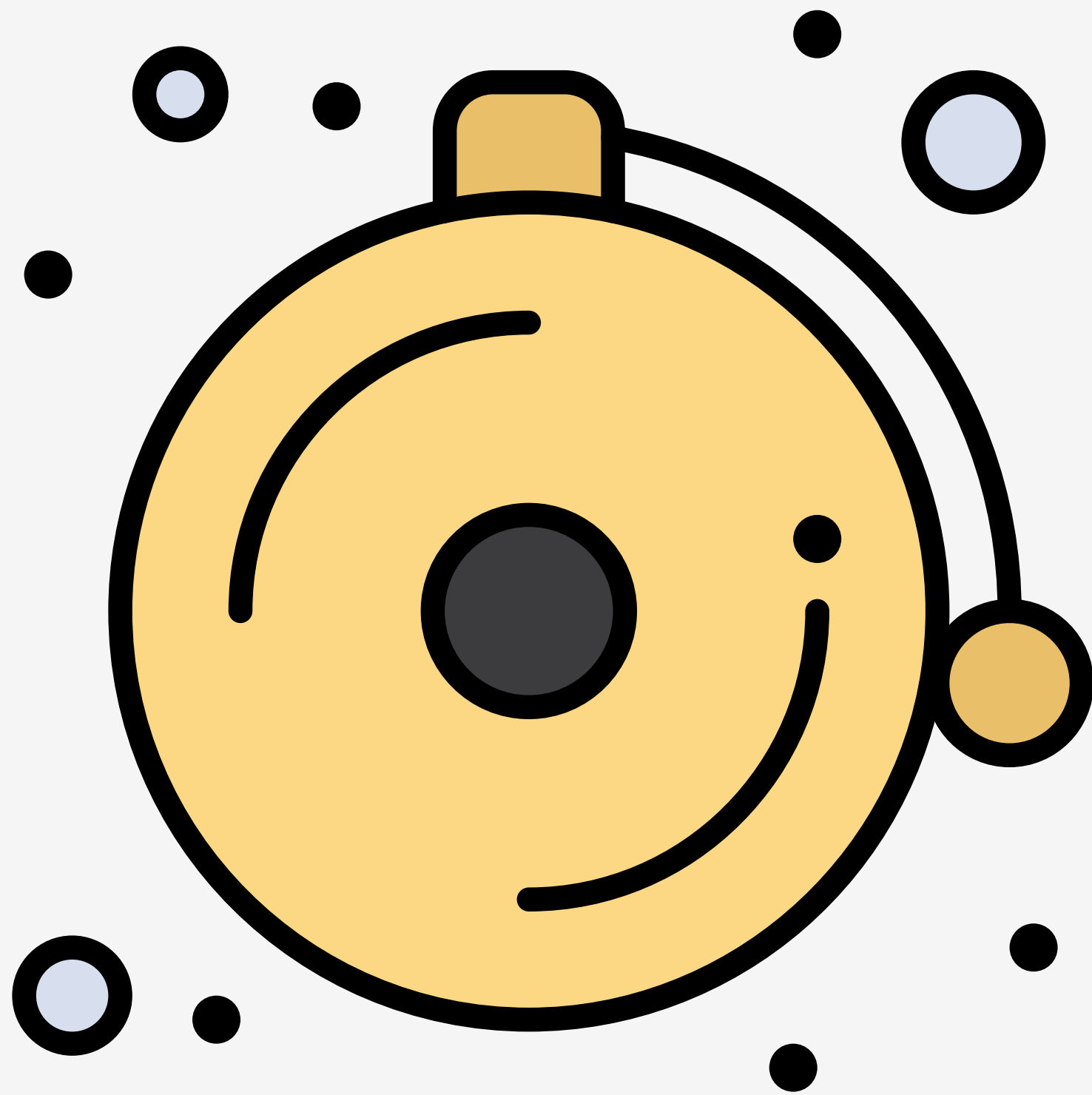
# BOOTSTRAP THIS!



- Create a one page web site about Bootstrap
- The web page must be created entirely using Bootstrap
- *NO* custom CSS
- Push the completed page to GitHub Pages
- Submit the URL to the live site
- *DUE:* Thu. Mar 26 @ 11:59 PM

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# NEXT TIME...



- Sass
- **Exercise:** Mixin Mixup