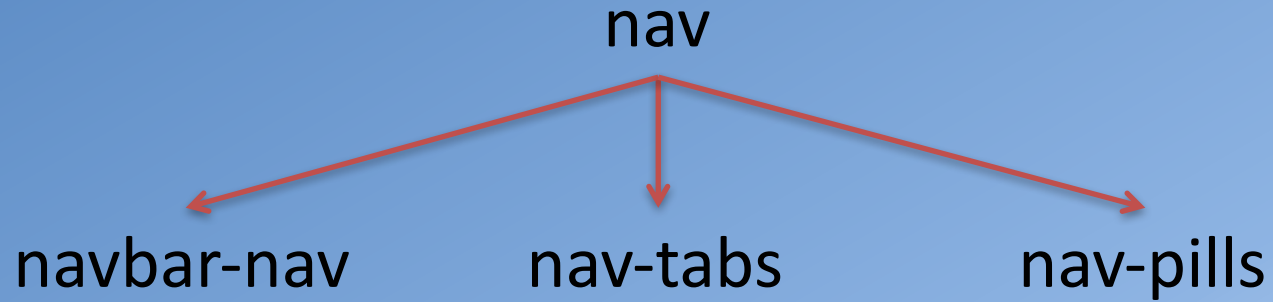# Bootstrap and CSS

- Bootstrap provides a number of CSS classes that can be used effectively

- Components are created by applying the Bootstrap CSS classes

- Bootstrap can be used purely for its CSS classes

Bootstrap and CSS

- CSS classes for many components start with a base class

- Further modifiers can be applied with a set of related classes

Bootstrap Nav Classes

nav

navbar-nav   nav-tabs   nav-pills

Bootstrap and JavaScript

- Bootstrap's JavaScript support is through JS Plugins

  - Plugins written based on Jquery
  - Plugins can be individually included

Bootstrap and JavaScript

Bootstrap JS Components

JQuery

JavaScript

Using Bootstrap JS Plugins

- Include the Javascript files at the bottom of the <body>

  <script src="node_modules/jquery/dist/jquery.min.js"></script>
  <script src="node_modules/tether/dist/js/tether.min.js"></script>
  <script src="node_modules/bootstrap/dist/js/bootstrap.min.js">
  </script>

Bootstrap JS Components

- JS components can all be used without writing a single line of JavaScript:
  - data-* attributes (e.g., data-toggle, data-spy)
  - Straightforward approach to use plugins
  - We will explore this approach in this module
- Full JS API available if needed
  - Need to know JQuery syntax and JavaScript