18. Collapse Accordions

Collapse and accordions are a set of related components that allow you to show or hide HTML content. Collapse is the simplest, and lets you show or hide content on a click. Accordions are similar but part of a bigger group. When one item shows, another hides, so accordions are essentially group of collapses. To set up a collapse, you create a link or a button that activates the collapse element. To that element, you add a **data-toggle="collapse"** and to target the element, you can use either an **id** if it's an anchor tag or link, or you can use a **data-target** attribute if it's a button.

The element that's going to show or hide has the collapse class. Now, accordions are essentially a group of collapses put together. It does require an additional container, and one of the elements should be showing so you add the show class on that element, and you'll need to add the class of **dropdown-menu**, and it's common to put these in a card style.

Example) Create a button to show hidden information


```
<button class='btn btn-primary' data-toggle='collapse' data-target='#nyc'>
   New York City</button>

<div id='nyc' class="collapse">
    Situated on one of the world's largest natural harbors, New York City consists
    of five boroughs, each of which is a separate county of the State of New York.
    The five boroughs – Brooklyn, Queens, Manhattan, The Bronx, and Staten Island –
    were consolidated into a single city in 1898.
</div>
```
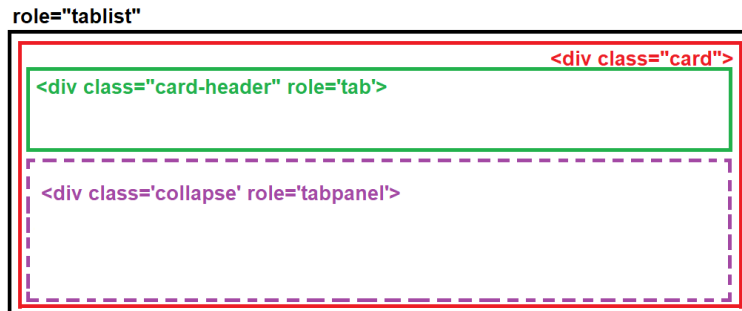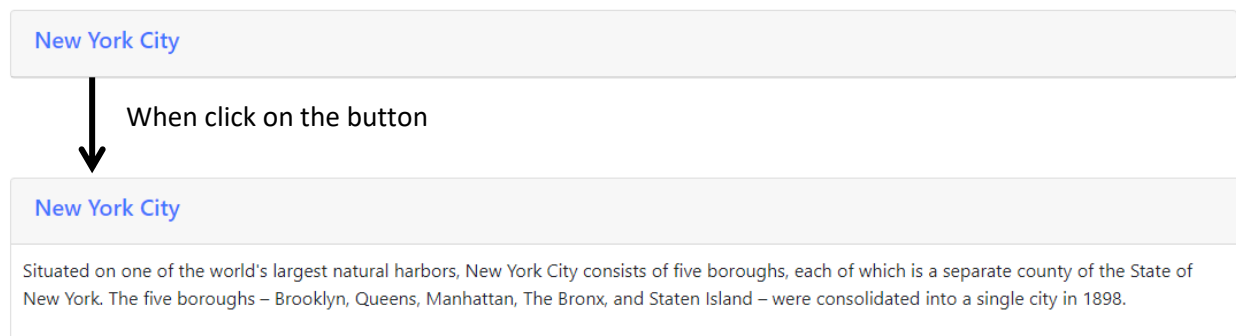
You can also you a collapse accordion by using cards. For this, the HTML structure is as the following:

role="tablist"

```
                                                    <div class="card">
<div class="card-header" role='tab'>



<div class='collapse' role='tabpanel'>
```

Example) Create a collapsible accordion using cards

New York City

When click on the button

New York City

Situated on one of the world's largest natural harbors, New York City consists of five boroughs, each of which is a separate county of the State of New York. The five boroughs – Brooklyn, Queens, Manhattan, The Bronx, and Staten Island – were consolidated into a single city in 1898.

HTML

```html
<div id='NYCAccordion'>
  <div class="card">
    <div class="card-header">
      <h5><a data-toggle='collapse' data-parent='NYCAccordion'
      href="#NYCContent">New York City</a></h5>
    </div><!-- card header -->

    <div class='collapse' id="NYCContent" >
      <div class="card-block" style="padding:10px;">
        <p>Situated on one of the world's largest natural harbors, New York City
        consists of five boroughs, each of which is a separate county of the State
        of New York. The five boroughs – Brooklyn, Queens, Manhattan, The Bronx,
        and Staten Island – were consolidated into a single city in 1898.</p>
      </div>
    </div><!-- collapse -->
  </div><!-- card -->
</div>
```

If you want the accordion start showing the hidden content, you can add the word **show** after the class **collapse**:

```
<div class='collapse show' id="NYCContent" >
```