

Exercise (Instructions): Carousel

Objectives and Outcomes

In this exercise we will examine the carousel component and add it to the web page. We will examine the configuration of the carousel and adding controls to the carousel. At the end of this exercise you will be able to:

- Use a carousel component in your web page
- Configure various aspects of the carousel
- Add controls to the carousel to manually control it

Adding a row for the carousel

- The carousel will be added to the *index.html* page. In this page, go to the top of the container div that contains the content of the page and add a new content row and an inner div spanning all the 12 columns as follows:

```
<div class="row row-content">  
  <div class="col-xs-12">  
  
    </div>  
</div>
```

Adding a Carousel

- Next, add the basic carousel div inside the content row that you just added as follows:

```
<div id="mycarousel" class="carousel slide" data-ride="carousel">  
  
  </div>
```

Adding Carousel Content

- Next add the content inside the carousel as follows:

```
<!-- Wrapper for slides -->
<div class="carousel-inner" role="listbox">
  <div class="item active">
    
    <div class="carousel-caption">
      <h2>Uthappizza <span class="label label-danger">Hot</span> <
span class="badge">$4.99</span></h2>
      <p>A unique combination of Indian Uthappam (pancake) and
        Italian pizza, topped with Cerignola olives, ripe vine
        cherry tomatoes, Vidalia onion, Guntur chillies and
        Buffalo Paneer.</p>
      <p><a class="btn btn-primary btn-xs" href="#">More &raquo;</a>
    </div>
    </div>
  <div class="item">
    ...
    <div class="carousel-caption">
      <h2>Weekend Grand Buffet <span class="label label-danger labe
l-xs">New</span></h2>
      ...
    </div>
  </div>
  <div class="item">
    ...
    <div class="carousel-caption">
      ...
    </div>
  </div>
</div>
```

Note that the first item has been set up already. For the remaining two items, copy the content from the second and third rows in a similar manner.

Adding CSS Classes

- Add the following CSS classes to the *mystyles.css* file:

```
.carousel {  
    background:#1A237E;  
}  
.carousel .item {  
    height: 300px;  
}  
.item img {  
    position: absolute;  
    top: 0;  
    left: 0;  
    min-height: 300px;  
}
```

Adding Carousel Controls

- Next, we will add manual controls to the carousel so that we can manually move among the slides. Add the following code to the top of the carousel to add slide indicators that enable us to select a specific slide:

```
        <!-- Indicators -->  
        <ol class="carousel-indicators">  
            <li data-target="#mycarousel" data-slide-to="0" class="active"></li>  
            <li data-target="#mycarousel" data-slide-to="1"></li>  
            <li data-target="#mycarousel" data-slide-to="2"></li>  
        </ol>
```

- Then, add the left and right controls to the carousel that enable us to move to the previous and next slide manually. Add this to the bottom of the carousel div:

```
        <!-- Controls -->
        <a class="left carousel-control" href="#mycarousel" role="button" data-
a-slide="prev">
            <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"
></span>
            <span class="sr-only">Previous</span>
        </a>
        <a class="right carousel-control" href="#mycarousel" role="button" da
ta-slide="next">
            <span class="glyphicon glyphicon-chevron-right" aria-hidden="true
"></span>
            <span class="sr-only">Next</span>
        </a>
```

Conclusions

In this exercise we learnt about the carousel component and how to add it to a web page. We also learnt about introducing manual controls to the carousel.