

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:

```
1      <div class="row row-content">
2          <div class="col">
3
4          </div>
5      </div>
6
7
```

Adding a Carousel

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

```
1      <div id="mycarousel" class="carousel slide" data-ride="carousel">
2
3      </div>
```

Adding Carousel Content

- Next add the content inside the carousel as follows:

```

1      <div class="carousel-inner" role="listbox">
2          <div class="carousel-item active">
3              
5                  <div class="carousel-caption d-none d-md-block">
6                      <h2>Uthappizza <span class="badge badge-danger"
7                          >HOT</span> <span class="badge badge-pill
8                          badge-default">$4.99</span></h2>
9                      . . .
10                 </div>
11             </div>
12             <div class="carousel-item">
13                 . . .
14             </div>
15             <div class="carousel-item">
16                 . . .
17             </div>
18         </div>

```

Note that the first item has been set up partially. Fill in the remaining parts from the content rows below.

Adding CSS Classes

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

```

1  .carousel {
2      background:#512DA8;
3  }
4  .carousel-item {
5      height: 300px;
6  }
7  .carousel-item img {
8      position: absolute;
9      top: 0;
10     left: 0;
11     min-height: 300px;
12 }

```

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 bottom after the carousel items in the div of the carousel to add slide indicators that enable us to select a specific slide:

```

1      <ol class="carousel-indicators">
2          <li data-target="#mycarousel" data-slide-to="0" class
3              ="active"></li>
4          <li data-target="#mycarousel" data-slide-to="1"></li>
5          <li data-target="#mycarousel" data-slide-to="2"></li>
6      </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:

```
1      <a class="carousel-control-prev" href="#mycarousel" role
2        ="button" data-slide="prev">
3        <span class="carousel-control-prev-icon"></span>
4      </a>
5      <a class="carousel-control-next" href="#mycarousel" role
6        ="button" data-slide="next">
          <span class="carousel-control-next-icon"></span>
        </a>
```

- Do a Git commit with the message "Carousel".

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.

Mark as completed

