Exercise (Instructions): Bootstrap and JQuery

Objectives and Outcomes

In this exercise we learn about using Bootstrap's JS component methods together with JQuery and JavaScript to write JavaScript code to control the JS component. We will use the Carousel as an example of a component that can be controlled. At the end of this exercise you will be able to:

- Use Bootstrap's JS component methods together with JQuery and Javascript
- Use JS code to control the Bootstrap JS component

Adding the Carousel Control Buttons

- We will introduce two new buttons into the carousel component that we already included in the index.html page. To add the two buttons to the carousel, add the following code to the end of the carousel:

```
1    <div class="btn-group" id="carouselButton">
2        <button class="btn btn-danger btn-sm" id="carousel-pause">
3            <span class="fa fa-pause"></span>
4        </button>
5        <button class="btn btn-danger btn-sm" id="carousel-play">
6            <span class="fa fa-play"></span>
7        </button>
8    </div>
9
```

Adding JavaScript Code

```
1    <script>
2        $(document).ready(function(){
3            $("#mycarousel").carousel( { interval: 2000 } );
4            $("#carousel-pause").click(function(){
5                $("#mycarousel").carousel('pause');
6            });
7            $("#carousel-play").click(function(){
8                $("#mycarousel").carousel('cycle');
9            });
10       });
11   </script>
12
```

- Do a Git commit with the message "Bootstrap JQuery"

Conclusions

In this exercise we learnt about Bootstrap's JS component methods and how they can be used together with JQuery and JavaScript to control the behavior of a Bootstrap JS component.