

Exercise (Instructions): Tooltips and Modals

Objectives and Outcomes

In this exercise we will examine how to add tooltips to a web page. In addition we look at adding modals to a web page. At the end of this exercise, you will be able to:

- Add tooltips to a web page
- Add modals that are revealed when the user clicks on a link or a button in the web page.

Adding a Tooltip

- Let us now switch to the *index.html* page. We will now add a tooltip to this page. The tooltip will be added to the "Reserve Table" button that is in the jumbotron. We will update the `<a>` tag for the button as follows:

1	<code><a role="button" class="btn btn-block nav-link btn-warning</code>	
2	<code>data-toggle="tooltip" data-html="true" title="Or Call</code>	
3	<code>us at
+852 12345678"</code>	
	<code>data-placement="bottom" href="#reserveform">Reserve</code>	
	<code>Table</code>	

As you can see from the code, we add a *data-toggle*, *data-placement* and a *title* attribute to the `<a>` tag in order to introduce a tooltip.

- In the next step we introduce the modal to the web page. To set up the modal, add the following code right after the navbar at the top of the page.

1	<code><div id="loginModal" class="modal fade" role="dialog"></code>	
2	<code><div class="modal-dialog modal-lg" role="content"></code>	
3	<code><!-- Modal content--></code>	
4	<code><div class="modal-content"></code>	
5	<code><div class="modal-header"></code>	
6	<code><h4 class="modal-title">Login </h4></code>	
7	<code><button type="button" class="close" data-dismiss="modal"</code>	
	<code>>&times;</button></code>	
8	<code></div></code>	
9	<code><div class="modal-body"></code>	
10	<code><form></code>	
11	<code><div class="form-row"></code>	
12	<code><div class="form-group col-sm-4"></code>	
13	<code><label class="sr-only" for</code>	
	<code>= "exampleInputEmail3">Email address</label></code>	
	<code><input type="email" class="form-control form</code>	
14	<code>-control-sm mr-1" id="exampleInputEmail3"</code>	
	<code>placeholder="Enter email"></code>	
15	<code></div></code>	
16	<code><div class="form-group col-sm-4"></code>	
17	<code><label class="sr-only" for</code>	
	<code>= "exampleInputPassword3">Password</label></code>	
18	<code><input type="password" class="form-control form</code>	
	<code>-control-sm mr-1" id="exampleInputPassword3"</code>	
	<code>placeholder="Enter password">Sign in</button></code>	
31	<code></div></code>	
32	<code></form></code>	
33	<code></div></code>	
34	<code></div></code>	

- Next we introduce another link on the right side of the navbar in order to trigger the display of the modal. To do this, add the following code in the navbar after the ``:

1	<code></code>	
2	<code><a data-toggle="modal" data-target="#loginModal"></code>	
3	<code> Login</code>	
4	<code></code>	

We are introducing another link to the right of the navbar using the *navbar-text*. This contains a link with an `<a>` tag with the *data-toggle="modal"* and *data-target="#loginModal"* attributes.

- Save all the changes and do a Git commit with the message "Tooltip and Modal".

Conclusions

In this exercise we explored tooltips and modals as two ways of revealing content for the user upon clicking on a button or a link.