

Exercise: Forms

Objectives and Outcomes

In this exercise, we will examine user input for a website through the use of Forms support in Bootstrap. At the end of this exercise, you will be able to:

- Design a form using various form elements and style the form using Bootstrap form classes

Adding a Basic Form

- We will add a simple form to the page at the location identified by "Form goes here". Add the following code to page to create a simple horizontal form with two fields:

```

1 <form>
2   <div class="form-group row">
3     <label for="firstname" class="col-md-2 col-form-label">
4       First Name</label>
5     <div class="col-md-10">
6       <input type="text" class="form-control" id
7         ="firstname" name="firstname" placeholder="First
8         Name">
9     </div>
10  </div>
11  <div class="form-group row">
12    <label for="lastname" class="col-md-2 col-form-label">
13      Last Name</label>
14    <div class="col-md-10">
15      <input type="text" class="form-control" id
16        ="lastname" name="lastname" placeholder="Last
17        Name">
18    </div>
19  </div>
20  <div class="form-group row">
21    <div class="col-5 col-md-3">
22      <input type="tel" class="form-control" id="areacode"
23        name="areacode" placeholder="Area code">
24    </div>
25    <div class="col-7 col-md-7">
26      <input type="tel" class="form-control" id="telnum"
27        name="telnum" placeholder="Tel. number">
28    </div>
29  </div>
30  <div class="form-group row">
31    <label for="emailid" class="col-md-2 col-form-label">
32      Email</label>
33    <div class="col-md-10">
34      <input type="email" class="form-control" id
35        ="emailid" name="emailid" placeholder="Email">
36    </div>
37  </div>
38 </form>

```

Adding a Checkbox and Select

- We now see the addition of a checkbox and a select element to the form. Note the styling of these elements using Bootstrap classes:

```
1 <div class="form-group row">
2   <div class="col-md-6 offset-md-2">
```

Adding a textarea

- Next we add a textarea for the users to submit their feedback comments as follows:

```
1 <div class="form-group row">
2   <label for="feedback" class="col-md-2 col-form-label"
   >Your Feedback</label>
```

Adding the Submit Button

- Finally, we add the submit button to the form as follows:

```
1 <div class="form-group row">
2   <div class="offset-md-2 col-md-10">
3     <button type="submit" class="btn btn-primary">Send
      Feedback</button>
4   </div>
5 </div>
```

Note the declaration of the type for the button to *submit*.

- Remember to do a Git commit with the message "Forms"

Conclusions

We have learnt how to add a form and style the form using Bootstrap form classes.