03

FORMS

WHAT YOU WILL LEARN

* Form Control
* Layout
* Validations

Form Control

Form controls automatically receive some global styling with Bootstrap: All textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%.

* **Bootstrap Form Layouts-**
  + Vertical form (this is default)
  + Horizontal form
  + Inline form
* Standard rules for all three form layouts:
* Wrap labels and form controls in <div class="mb5 mt3"> (needed for optimum spacing)
* All textual <input> and  <textarea> elements with class .form-control get proper form styling:
* add a .form-label class to each label element to ensure correct padding.
* Form Row/Grid (Inline Forms)
  + form elements to appear side by side, use .row and .col
  + the size of .form-control inputs with .form-control-lg or .form-control-sm
  + the .form-control-plaintext class to style an input field without borders, but keep proper marigins and padding
  + To style an input with type="color" properly, use the .form-control-color class:
* Select Menu
  + To style a select menu in Bootstrap 5, add the .form-select class to the <select> element:
  + Use the .form-select-lg or .form-select-sm class to change the size of the select menu:
* Checkbox
  + To style checkboxes, use a wrapper element with class="form-check" to ensure proper margins for labels and checkboxes.
  + add the .form-check-label class to label elements, and .form-check-input to style checkboxes properly inside the .form-check container.
* Toggle Switches
  + use the .form-switch class together with the .form-check container
* Input Groups
  + The .input-group class is a container to enhance an input by adding an icon, text or a button in front or behind the input field as a "help text".
  + To style the specified help text, use the .input-group-text class
* Floating Labels / Animated Labels
  + The <label> elements must come after the <input> element, and the placeholder attribute is required for each <input> element (even though it is not shown).
* Form Validation
  + .was-validated to indicate what's missing before submitting the form:
  + .valid-feedback or .invalid-feedback message to tell the user explicitly what's missing, or needs to be done before submitting the form.