PYTHON BOOTSTRAP MORE **▼** SQL JAVASCRIPT D34 IdDIES **BS4** Images **BS4** Jumbotron **BS4 Alerts BS4 Buttons BS4 Button Groups BS4 Badges BS4 Progress Bars** Bootstrap 4 Forms **BS4 Spinners BS4** Pagination **BS4 List Groups** Previous Next > **BS4 Cards BS4** Dropdowns BS4 Collapse Bootstrap 4's Default Settings **BS4 Navs BS4** Navbar Form controls automatically receive some global styling with Bootstrap: **BS4 Forms BS4 Inputs** All textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%. **BS4 Input Groups BS4 Custom Forms BS4 Carousel** Bootstrap 4 Form Layouts **BS4 Modal BS4** Tooltip Bootstrap provides two types of form layouts: **BS4** Popover Stacked (full-width) form Inline form Bootstrap 4 Stacked Form **COLOR PICKER** Email: Enter email Password: Enter password ☐ Remember me Submit The following example creates a stacked form with two input fields, one checkbox, and a submit button. Side Navigation Add a wrapper element with .form-group, around each form control, to ensure proper margins: Top Navigation Example <form action="/action_page.php"> HTML Includes <div class="form-group"> <label for="email">Email address:</label> <input type="email" class="form-control" placeholder="Enter email" id="email"> </div> <div class="form-group"> <label for="pwd">Password:</label> <input type="password" class="form-control" placeholder="Enter password" id="pwd"> </div> <div class="form-group form-check"> <label class="form-check-label"> <input class="form-check-input" type="checkbox"> Remember me </label> </div> <button type="submit" class="btn btn-primary">Submit</button> </form> **CERTIFICATES** Try it Yourself » Bootstrap Inline Form ☐ Remember me Submit Email: Enter email Password: Enter password In an inline form, all of the elements are inline and left-aligned. Note: This only applies to forms within viewports that are at least 576px wide. On screens smaller than 576px, it will stack horizontally. Additional rule for an inline form: • Add class .form-inline to the <form> element The following example creates an inline form with two input fields, one checkbox, and one submit button: Example <form class="form-inline" action="/action_page.php"> <label for="email">Email address:</label> <input type="email" class="form-control" placeholder="Enter email" id="email"> <label for="pwd">Password:</label> <input type="password" class="form-control" placeholder="Enter password" id="pwd"> <div class="form-check"> <label class="form-check-label"> <input class="form-check-input" type="checkbox"> Remember me </label> </div> <button type="submit" class="btn btn-primary">Submit</button> </form> Try it Yourself » Inline Form with Utilities The inline form above feels "compressed", and will look much better with Bootstrap's spacing utilities. The following example adds a right margin (.mr-sm-2) to each input on all devices (small and up). And a margin bottom class (.mb-2) is used to style the input field when it breaks (goes from horizontal to vertical due to not enough space/width): Password: Enter password ☐ Remember me Submit Enter email Email: Example <form class="form-inline" action="/action_page.php"> <label for="email" class="mr-sm-2">Email address:</label> <input type="email" class="form-control mb-2 mr-sm-2" placeholder="Enter email" id="email"> <label for="pwd" class="mr-sm-2">Password:</label> <input type="password" class="form-control mb-2 mr-sm-2" placeholder="Enter password" id="pwd"> <div class="form-check mb-2 mr-sm-2"> <label class="form-check-label"> <input class="form-check-input" type="checkbox"> Remember me </label> </div> <button type="submit" class="btn btn-primary mb-2">Submit </form> Try it Yourself » You will learn more about spacing and other "helper" classes in our **Bootstrap 4 Utilities Chapter**. Form Row/Grid You can also use columns (.col) to control the width and alignment of form inputs without using spacing utilities. Just remember to put them inside a .row container. In the example below, we use two columns that will appear side by side. You will learn much more about columns and rows in the **Bootstrap Grids Chapter**. Enter password Enter email Example <form> <div class="row"> <div class="col"> <input type="text" class="form-control" id="email" placeholder="Enter email" name="email"> </div> <div class="col"> <input type="password" class="form-control" placeholder="Enter password" name="pswd"> </div> </div> </form> Try it Yourself » If you want less grid margins (override default column gutters), use .form-row instead of .row: Enter email Enter password Example <form> <div class="form-row"> <div class="col"> <input type="text" class="form-control" id="email" placeholder="Enter email" name="email"> </div> <div class="col"> <input type="password" class="form-control" placeholder="Enter password" name="pswd"> </div> </div> </form> Try it Yourself » Form Validation Username: X Enter username Please fill out this field. Password: Enter password X Please fill out this field. \square I agree on blabla. Check this checkbox to continue. You can use different validation classes to provide valuable feedback to users. Add either .was-validated or .needs-validation to the <form> element, depending on whether you want to provide validation feedback before or after submitting the form. The input fields will have a green (valid) or red (invalid) border to indicate what's missing in the form. You can also add a .valid-feedback or .invalid-feedback message to tell the user explicitly what's missing, or needs to be done before submitting the form. Example In this example, we use .was-validated to indicate what's missing before submitting the form: <form action="/action_page.php" class="was-validated"> <div class="form-group"> <label for="uname">Username:</label> <input type="text" class="form-control" id="uname" placeholder="Enter username" name="uname"</pre> required> <div class="valid-feedback">Valid.</div> <div class="invalid-feedback">Please fill out this field.</div> </div> <div class="form-group"> <label for="pwd">Password:</label> <input type="password" class="form-control" id="pwd" placeholder="Enter password" name="pswd"</pre> required> <div class="valid-feedback">Valid.</div> <div class="invalid-feedback">Please fill out this field.</div> </div> <div class="form-group form-check"> <label class="form-check-label"> <input class="form-check-input" type="checkbox" name="remember" required> I agree on blabla. <div class="valid-feedback">Valid.</div> <div class="invalid-feedback">Check this checkbox to continue.</div> </label> </div> <button type="submit" class="btn btn-primary">Submit</button> </form> Try it Yourself » Example In this example, we use .needs-validation, which will add the validation effect AFTER the form has been submitting (if there's anything missing). Note that you will also have to add some jQuery code for this example to work properly:

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```
<form action="/action_page.php" class="needs-validation" novalidate>
  <div class="form-group">
    <label for="uname">Username:</label>
    <input type="text" class="form-control" id="uname" placeholder="Enter username" name="uname"</pre>
required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please fill out this field.</div>
  </div>
  <div class="form-group">
    <label for="pwd">Password:</label>
    <input type="password" class="form-control" id="pwd" placeholder="Enter password" name="pswd"</pre>
required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please fill out this field.</div>
  </div>
  <div class="form-group form-check">
```

<input class="form-check-input" type="checkbox" name="remember" required> I agree on blabla.

<div class="invalid-feedback">Check this checkbox to continue.</div>

<label class="form-check-label">

</label>

</div>

</form>

<script>

(function() {

'use strict';

}, false);

REPORT ERROR

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});

<div class="valid-feedback">Valid.</div>

// Disable form submissions if there are invalid fields

// Get the forms we want to add validation styles to

form.addEventListener('submit', function(event) {

var forms = document.getElementsByClassName('needs-validation');

var validation = Array.prototype.filter.call(forms, function(form) {

window.addEventListener('load', function() {

// Loop over them and prevent submission

event.preventDefault();

event.stopPropagation();

if (form.checkValidity() === false) {

form.classList.add('was-validated');

<button type="submit" class="btn btn-primary">Submit</button>

```
}, false);
})();
</script>
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