**Enabling Hover State on Table Rows**

You can also enable a hover state on table rows within a [<tbody>](https://www.tutorialrepublic.com/html-reference/html-tbody-tag.php) element by adding the modifier class .table-hover to the .table base class. Let's try out the following example:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Tables with Hover States</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<table class="table table-hover">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-dark">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-primary">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-secondary">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-success">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-danger">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-warning">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-info">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

<table class="table table-hover table-light">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

</tr>

<tr>

<td>2</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

</tr>

<tr>

<td>3</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

</tr>

</tbody>

</table>

</div>

</body>

</html>

## Creating Responsive Tables with Bootstrap

You can also create responsive tables to enable horizontal scrolling on small devices.

To make any table responsive just place it inside a [<div>](https://www.tutorialrepublic.com/html-reference/html-div-tag.php) element and apply the .table-responsive class on it. You can also specify when the table should have a scrollbar, based on the viewport width (i.e. [breakpoints](https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-grid-system.php#grid-features)), using the classes .table-responsive{-sm|-md|-lg|-xl}.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Responsive Table</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

<style>

/\* Custom style to make this example easy to understand \*/

table \* {

white-space: nowrap;

}

</style>

</head>

<body>

<div class="m-4">

<div class="table-responsive">

<table class="table">

<thead>

<tr>

<th>#</th>

<th>First Name</th>

<th>Last Name</th>

<th>Email</th>

<th>Biography</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Clark</td>

<td>Kent</td>

<td>clarkkent@mail.com</td>

<td>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</td>

</tr>

<tr>

<td>2</td>

<td>John</td>

<td>Carter</td>

<td>johncarter@mail.com</td>

<td>Vestibulum consectetur scelerisque bibendum scelerisque purus.</td>

</tr>

<tr>

<td>3</td>

<td>Peter</td>

<td>Parker</td>

<td>peterparker@mail.com</td>

<td>Integer pulvinar leo id risus interdum vel metus dignissim.</td>

</tr>

</tbody>

</table>

</div>

</body>

</html>

## Creating Lists With Bootstrap

You can create three different types of HTML lists:

* **Unordered lists** — A list of items in which the order does not explicitly matter. The list items in unordered lists are marked with bullets, e.g. ⚬, ●, etc.
* **Ordered lists** — A list of items in which the order does explicitly matter. The list items in ordered lists are marked with numbers, e.g. 1, ⅵ, etc.
* **Definition list** — A list of terms with their associated descriptions.

## Unstyled Ordered and Unordered Lists

Sometimes you might need to remove the default styling form the list items. You can do this by simply applying the class .list-unstyled to the respective <ul> or <ol> elements.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Unstyled List</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<ul class="list-unstyled">

<li>Home</li>

<li>Products

<ul>

<li>Gadgets</li>

<li>Accessories</li>

</ul>

</li>

<li>About Us</li>

<li>Contact</li>

</ul>

</div>

</body>

</html>

## Placing Ordered and Unordered List Items Inline

If you want to create a horizontal menu using the ordered or unordered list you need to place all list items in a single line (i.e. side by side). You can do this simply by adding the class .list-inline to the <ul> or <ol>, and the class .list-inline-item to the child <li> elements.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Inline List</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<ul class="list-inline">

<li class="list-inline-item">Home</li>

<li class="list-inline-item">Products</li>

<li class="list-inline-item">About Us</li>

<li class="list-inline-item">Contact</li>

</ul>

</div>

</body>

</html>

## Indicate Disabled and Active Items

You can simply add the class .active to a .list-group-item to indicate the current active selection. Similarly, you can add .disabled to a .list-group-item to make it look like disabled.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Disabled and Active Items within Bootstrap List Group</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<ul class="list-group w-50">

<li class="list-group-item active">Pictures</li>

<li class="list-group-item">Documents</li>

<li class="list-group-item">Music</li>

<li class="list-group-item disabled">Videos</li>

</ul>

</div>

</body>

</html>

## List Group with Linked Items

You can also [link](https://www.tutorialrepublic.com/html-tutorial/html-links.php) list group items with the little change in HTML markup.

Just replace the [<li>](https://www.tutorialrepublic.com/html-reference/html-li-tag.php) with [<a>](https://www.tutorialrepublic.com/html-reference/html-a-tag.php) tag and use [<div>](https://www.tutorialrepublic.com/html-reference/html-div-tag.php) element as a parent instead of [<ul>](https://www.tutorialrepublic.com/html-reference/html-ul-tag.php). You can also add [icons](https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-icons.php) and [badges](https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-labels-and-badges.php) to this list group to make it more elegant

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap List Group with Linked Items</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.5.0/font/bootstrap-icons.css">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<div class="list-group w-50">

<a href="#" class="list-group-item list-group-item-action active">

<i class="bi-house-fill"></i> Home

</a>

<a href="#" class="list-group-item list-group-item-action">

<i class="bi-camera-fill"></i> Pictures

<span class="badge rounded-pill bg-primary float-end">145</span>

</a>

<a href="#" class="list-group-item list-group-item-action">

<i class="bi-music-note-beamed"></i> Music

<span class="badge rounded-pill bg-primary float-end">50</span>

</a>

<a href="#" class="list-group-item list-group-item-action">

<i class="bi-film"></i> Videos

<span class="badge rounded-pill bg-primary float-end">8</span>

</a>

</div>

</div>

</body>

</html>

# Bootstrap Forms

**Creating Forms with Bootstrap**

HTML forms are an integral part of the web pages and applications, but creating the form layouts or styling the form controls manually one by one using CSS are often boring and tedious. Bootstrap greatly simplifies the process of styling and alignment of form controls like labels, input fields, selectboxes, textareas, buttons, etc. through predefined set of classes.

Bootstrap provides three different types of form layouts:

* Vertical Form (default form layout)
* Horizontal Form
* Inline Form

## Creating Vertical Form Layout

To create vertical form layouts simply use the predefined [margin utility classes](https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-helper-classes.php#spacing-classes) for grouping the labels, form controls, optional form text, and form validation messages.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Vertical Form Layout</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="m-4">

<form action=”#”>

<div class="mb-3">

<label class="form-label" for="inputEmail">Email</label>

<input type="email" class="form-control" id="inputEmail" placeholder="Email" required>

</div>

<div class="mb-3">

<label class="form-label" for="inputPassword">Password</label>

<input type="password" class="form-control" id="inputPassword" placeholder="Password" required>

</div>

<div class="mb-3">

<div class="form-check">

<input class="form-check-input" type="checkbox" id="checkRemember">

<label class="form-check-label" for="checkRemember">Remember me</label>

</div>

</div>

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

</form>

</div>

</body>

</html>