Bootstrap 4 Grid System

Bootstrap's grid system is built with flexbox and allows up to 12 columns across the page.

If you do not want to use all 12 columns individually, you can group the columns together to create wider columns:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 | span 1 |
| span 4 | | | | span 4 | | | | span 4 | | | |
| span 4 | | | | span 8 | | | | | | | |
| span 6 | | | | | | span 6 | | | | | |
| span 12 | | | | | | | | | | | |

The grid system is responsive, and the columns will re-arrange automatically depending on the screen size.

Make sure that the sum adds up to 12 or fewer (it is not required that you use all 12 available columns).

Grid Classes

The Bootstrap 4 grid system has five classes:

* .col- (extra small devices - screen width less than 576px)
* .col-sm- (small devices - screen width equal to or greater than 576px)
* .col-md- (medium devices - screen width equal to or greater than 768px)
* .col-lg- (large devices - screen width equal to or greater than 992px)
* .col-xl- (xlarge devices - screen width equal to or greater than 1200px)

The classes above can be combined to create more dynamic and flexible layouts.

**Tip:** Each class scales up, so if you wish to set the same widths for sm and md, you only need to specify sm.

Basic Structure of a Bootstrap 4 Grid

The following is a basic structure of a Bootstrap 4 grid:

<!-- Control the column width, and how they should appear on different devices -->  
<div class="row">  
  <div class="col-\*-\*"></div>  
  <div class="col-\*-\*"></div>  
</div>  
<div class="row">  
  <div class="col-\*-\*"></div>  
  <div class="col-\*-\*"></div>  
  <div class="col-\*-\*"></div>  
</div>  
  
<!-- Or let Bootstrap automatically handle the layout -->  
<div class="row">  
  <div class="col"></div>  
  <div class="col"></div>  
  <div class="col"></div>  
</div>

First example: create a row (<div class="row">). Then, add the desired number of columns (tags with appropriate .col-\*-\* classes). The first star (\*) represents the responsiveness: sm, md, lg or xl, while the second star represents a number, which should add up to 12 for each row.

Second example: instead of adding a number to each col, let bootstrap handle the layout, to create equal width columns: two "col" elements = 50% width to each col. three cols = 33.33% width to each col. four cols = 25% width, etc. You can also use .col-sm|md|lg|xl to make the columns responsive.

Below we have collected some examples of basic Bootstrap 4 grid layouts.

Three Equal Columns

.col

.col

.col

The following example shows how to create three equal-width columns, on all devices and screen widths:

Example

<div class="row">  
  <div class="col">.col</div>  
  <div class="col">.col</div>  
  <div class="col">.col</div>  
</div>

Responsive Columns

.col-sm-3

.col-sm-3

.col-sm-3

.col-sm-3

The following example shows how to create four equal-width columns starting at tablets and scaling to extra large desktops. **On mobile phones or screens that are less than 576px wide, the columns will automatically stack on top of each other**:

Example

<div class="row">  
  <div class="col-sm-3">.col-sm-3</div>  
  <div class="col-sm-3">.col-sm-3</div>  
  <div class="col-sm-3">.col-sm-3</div>  
  <div class="col-sm-3">.col-sm-3</div>  
</div>

Two Unequal Responsive Columns

.col-sm-4

.col-sm-8

The following example shows how to get two various-width columns starting at tablets and scaling to large extra desktops:

Example

<div class="row">  
  <div class="col-sm-4">.col-sm-4</div>  
  <div class="col-sm-8">.col-sm-8</div>  
</div>

# **Bootstrap 4 Text/Typography**

## Bootstrap 4 Default Settings

Bootstrap 4 uses a default font-size of 16px, and its line-height is 1.5.

The default font-family is "Helvetica Neue", Helvetica, Arial, sans-serif.

In addition, all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).

## <h1> - <h6>

Bootstrap 4 styles HTML headings (<h1> to <h6>)  with a bolder font-weight and an increased font-size:

### Example

# **h1 Bootstrap heading (2.5rem = 40px)**

## h2 Bootstrap heading (2rem = 32px)

### h3 Bootstrap heading (1.75rem = 28px)

#### **h4 Bootstrap heading (1.5rem = 24px)**

##### **h5 Bootstrap heading (1.25rem = 20px)**

###### **h6 Bootstrap heading (1rem = 16px)**

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_hn&stacked=h)

## Display Headings

Display headings are used to stand out more than normal headings (larger font-size and lighter font-weight), and there are four classes to choose from: .display-1, .display-2, .display-3, .display-4

### Example

# **Display 1**

# **Display 2**

# **Display 3**

# **Display 4**

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_display&stacked=h)

## <small>

In Bootstrap 4 the HTML <small> element is used to create a lighter, secondary text in any heading:

### Example

# **h1 heading secondary text**

## h2 heading secondary text

### h3 heading secondary text

#### **h4 heading secondary text**

##### **h5 heading secondary text**

###### **h6 heading secondary text**

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_small&stacked=h)

## <mark>

Bootstrap 4 will style the HTML <mark> element with a yellow background color and some padding:

### Example

Use the mark element to highlight text.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_mark&stacked=h)

## <abbr>

Bootstrap 4 will style the HTML <abbr> element with a dotted border bottom:

### Example

The WHO was founded in 1948.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_abbr&stacked=h)

## <blockquote>

Add the .blockquote class to a <blockquote> when quoting blocks of content from another source:

### Example

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

From WWF's website

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_blockquote&stacked=h)

## <dl>

Bootstrap 4 will style the HTML <dl> element in the following way:

### Example

**Coffee**

- black hot drink

**Milk**

- white cold drink

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_dl&stacked=h)

## <code>

Bootstrap 4 will style the HTML <code> element in the following way:

### Example

The following HTML elements: span, section, and div defines a section in a document.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_code&stacked=h)

## <kbd>

Bootstrap 4 will style the HTML <kbd> element in the following way:

### Example

Use ctrl + p to open the Print dialog box.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_kbd&stacked=h)

## <pre>

Bootstrap 4 will style the HTML <pre> element in the following way:

### Example

Text in a pre element  
is displayed in a fixed-width  
font, and it preserves  
both      spaces and  
line breaks.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_pre&stacked=h)

## More Typography Classes

The Bootstrap 4 classes below can be added to style HTML elements further:

|  |  |  |
| --- | --- | --- |
| **Class** | **Description** | **Example** |
| .font-weight-bold | Bold text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .font-weight-bolder | Bolder text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .font-italic | Italic text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .font-weight-light | Light weight text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .font-weight-lighter | Lighter weight text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .font-weight-normal | Normal text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_font-weight&stacked=h) |
| .lead | Makes a paragraph stand out | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_lead&stacked=h) |
| .small | Indicates smaller text (set to 80% of the size of the parent) | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_small&stacked=h) |
| .text-left | Indicates left-aligned text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left&stacked=h) |
| .text-\*-left | Indicates left-aligned text on small, medium, large or xlarge screens | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left-responsive&stacked=h) |
| .text-break | Prevents long text from breaking layout | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-break) |
| .text-center | Indicates center-aligned text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left&stacked=h) |
| .text-\*-center | Indicates center-aligned text on small, medium, large or xlarge screens | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-center-responsive&stacked=h) |
| .text-decoration-none | Removes the underline from a link | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_decoration&stacked=h) |
| .text-right | Indicates right-aligned text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left&stacked=h) |
| .text-\*-right | Indicates right-aligned text on small, medium, large or xlarge screens | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-right-responsive&stacked=h) |
| .text-justify | Indicates justified text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left&stacked=h) |
| .text-monospace | Monospaced text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-monospace&stacked=h) |
| .text-nowrap | Indicates no wrap text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-left&stacked=h) |
| .text-lowercase | Indicates lowercased text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-lowercase&stacked=h) |
| .text-reset | Resets the color of a text or a link (inherits the color from its parent) | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_reset&stacked=h) |
| .text-uppercase | Indicates uppercased text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-lowercase&stacked=h) |
| .text-capitalize | Indicates capitalized text | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_text-lowercase&stacked=h) |
| .initialism | Displays the text inside an <abbr> element in a slightly smaller font size | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_abbr2&stacked=h) |
| .list-unstyled | Removes the default list-style and left margin on list items (works on both <ul> and <ol>). This class only applies to immediate children list items (to remove the default list-style from any nested lists, apply this class to any nested lists as well) | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_list-unstyled&stacked=h) |
| .list-inline | Places all list items on a single line (used together with .list-inline-item on each <li> elements) | [Try it](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_ref_txt_list-inline&stacked=h) |
| .pre-scrollable | Makes a <pre> element scrollable |  |

# **Bootstrap 4 Colors**

[❮ Previous](https://www.w3schools.com/bootstrap4/bootstrap_typography.asp)[Next ❯](https://www.w3schools.com/bootstrap4/bootstrap_tables.asp)

## Text Colors

Bootstrap 4 has some contextual classes that can be used to provide "meaning through colors".

The classes for text colors are: .text-muted, .text-primary, .text-success, .text-info, .text-warning, .text-danger, .text-secondary, .text-white, .text-dark, .text-body (default body color/often black) and .text-light:

### Example

This text is muted.

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

Secondary text.

Dark grey text.

Body text.

Light grey text.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_colors&stacked=h)

Contextual text classes can also be used on links, which will add a darker hover color:

### Example

[Muted link.](javascript:void(0)) [Primary link.](javascript:void(0)) [Success link.](javascript:void(0)) [Info link.](javascript:void(0)) [Warning link.](javascript:void(0)) [Danger link.](javascript:void(0)) [Secondary link.](javascript:void(0)) [Dark grey link.](javascript:void(0)) [Body/black link.](javascript:void(0)) [Light grey link.](javascript:void(0))

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_colors_links&stacked=h)

You can also add 50% opacity for black or white text with the .text-black-50 or .text-white-50 classes:

### Example

Black text with 50% opacity on white background

White text with 50% opacity on black background

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_colors_opacity&stacked=h)

## Background Colors

The classes for background colors are: .bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light.

Note that background colors do not set the text color, so in some cases you'll want to use them together with a .text-\* class.

### Example

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

Secondary background color.

Dark grey background color.

Light grey background color.

[Try it Yourself »](https://www.w3schools.com/bootstrap4/tryit.asp?filename=trybs_txt_bgcolors&stacked=h)

[❮ Previous](https://www.w3schools.com/bootstrap4/bootstrap_typography.asp)[Next ❯](https://www.w3schools.com/bootstrap4/bootstrap_tables.asp)

#### [**COLOR PICKER**](https://www.w3schools.com/colors/colors_picker.asp)

BOOTSTRAP TABLES

.table

.table-striped

.table-bordered

.table-hover

.table-condensed

.table-responsive

BOOTSTRAP IMAGES

.img-rounded

.img-circle

.img-thumbnail

.img-responsive

BOOTSTRAP ALERTS

.alert

.alert-success

.alert-info

.alert-warning

.alert-danger

BOOTSTRAP BUTTONS

.btn

.btn-default

.btn-primary

.btn-success

.btn-info

.btn-warning

.btn-danger

.btn-link

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Button Styles</h2>

<button type="button" class="btn">Basic</button>

<button type="button" class="btn btn-default">Default</button>

<button type="button" class="btn btn-primary">Primary</button>

<button type="button" class="btn btn-success">Success</button>

<button type="button" class="btn btn-info">Info</button>

<button type="button" class="btn btn-warning">Warning</button>

<button type="button" class="btn btn-danger">Danger</button>

<button type="button" class="btn btn-link">Link</button>

</div>

</body>

</html>

BUTTON GROUPS

Allow us to group series of buttons together

.btn-group

.btn-group-vertical

.btn-group-justified

BOOTSTRAP GLYPHICONS

<span class=”glyphicon glyphicon-name”></span>

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<meta charset="utf-8">

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<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Glyphicon Examples</h2>

<p>Envelope icon: <span class="glyphicon glyphicon-envelope"></span></p>

<p>Envelope icon as a link:

<a href="#"><span class="glyphicon glyphicon-envelope"></span></a>

</p>

<p>Search icon: <span class="glyphicon glyphicon-search"></span></p>

<p>Search icon on a button:

<button type="button" class="btn btn-default">

<span class="glyphicon glyphicon-search"></span> Search

</button>

</p>

<p>Search icon on a styled button:

<button type="button" class="btn btn-info">

<span class="glyphicon glyphicon-search"></span> Search

</button>

</p>

<p>Print icon: <span class="glyphicon glyphicon-print"></span></p>

<p>Print icon on a styled link button:

<a href="#" class="btn btn-success btn-lg">

<span class="glyphicon glyphicon-print"></span> Print

</a>

</p>

</div>

</body>

</html>

BOOTSTRAP BADGES

Add additional information to the content

.badge

<!DOCTYPE html>

<html lang="en">

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<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Badges on Buttons</h2>

<button type="button" class="btn btn-primary">Primary <span class="badge">7</span></button>

<button type="button" class="btn btn-success">Success <span class="badge">3</span></button>

<button type="button" class="btn btn-danger">Danger <span class="badge">5</span></button>

</div>

</body>

</html>

BOOTSTRAP LABELS

.label

.label-default

.label-primary

.label-success

.label-info

.label-warning

.label-danger

<!DOCTYPE html>

<html lang="en">

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<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Labels</h2>

<h1>Example <span class="label label-default">New</span></h1>

<h2>Example <span class="label label-default">New</span></h2>

<h3>Example <span class="label label-success">New</span></h3>

<h4>Example <span class="label label-default">New</span></h4>

<h5>Example <span class="label label-danger">New</span></h5>

<h6>Example <span class="label label-primary">New</span></h6>

</div>

</body>

</html>

PROGRESS BAR

.progress

.progress-bar-striped

.progress-bar-success

-info

-warning

-danger

.sr-only 🡪 remove this to display the label

<!DOCTYPE html>

<html lang="en">

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

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<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Colored Progress Bars</h2>

<p>The contextual classes colors the progress bars:</p>

<div class="progress">

<div class="progress-bar progress-bar-success progress-bar-striped" role="progressbar" aria-valuenow="40" aria-valuemin="0" aria-valuemax="100" style="width:40%">

<span class="sr-only">40% Complete (success)</span>

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-info" role="progressbar" aria-valuenow="50" aria-valuemin="0" aria-valuemax="100" style="width:50%">

50% Complete (info)

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="60" aria-valuemin="0" aria-valuemax="100" style="width:60%">

60% Complete (warning)

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="70" aria-valuemin="0" aria-valuemax="100" style="width:70%">

70% Complete (danger)

</div>

</div>

</div>

</body>

</html>

NAVIGATION BAR

.navbar

Navbar-default

.navbar-inverse

.navbar-right

.navbar-btn

.navbar-form

.navbar-text

.navbar-fixed-top , .navbar-fixed-bottom

.navbar-toggle

**.NAVBAR-DEFAULT**

<!DOCTYPE html>

<html lang="en">

<head>

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<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-default">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#">Page 1</a></li>

<li><a href="#">Page 2</a></li>

<li><a href="#">Page 3</a></li>

</ul>

</div>

</nav>

<div class="container">

<h3>Basic Navbar Example</h3>

<p>A navigation bar is a navigation header that is placed at the top of the page.</p>

</div>

</body>

</html>

INVERTED NAVIGATION BAR

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#">Page 1</a></li>

<li><a href="#">Page 2</a></li>

<li><a href="#">Page 3</a></li>

</ul>

</div>

</nav>

<div class="container">

<h3>Basic Navbar Example</h3>

<p>A navigation bar is a navigation header that is placed at the top of the page.</p>

</div>

</body>

</html>

NAVIGATION BAR WITH DROPDOWN

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li class=”dropdown”>

<a class=”dropdown-toggle” data-toggle=”dropdown” href="#">Page 1</a>

<span class=”caret”></span>

</a>

<ul class=”dropdown-menu”>

<li> <a href=””> page new1</a></li>

<li> <a href=””> page new1</a></li>

<li> <a href=””> page new1</a></li>

</ul>

</li>

<li><a href="#">Page 2</a></li>

<li><a href="#">Page 3</a></li>

</ul>

</div>

</nav>

<div class="container">

<h3>Basic Navbar Example</h3>

<p>A navigation bar is a navigation header that is placed at the top of the page.</p>

</div>

</body>

</html>

RIGHT ALIGNED NAVIGATION BAR

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1 <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Page 1-1</a></li>

<li><a href="#">Page 1-2</a></li>

<li><a href="#">Page 1-3</a></li>

</ul>

</li>

<li><a href="#">Page 2</a></li>

</ul>

<ul class="nav navbar-nav navbar-right">

<li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>

<li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>

</ul>

</div>

</nav>

<div class="container">

<h3>Right Aligned Navbar</h3>

<p>The .navbar-right class is used to right-align navigation bar buttons.</p>

</div>

</body>

</html>

NAVBAR BUTTONS

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#">Link</a></li>

<li><a href="#">Link</a></li>

</ul>

<button class="btn btn-danger navbar-btn">Button</button>

</div>

</nav>

<div class="container">

<h2>Navbar Button</h2>

<p>Use the navbar-btn class on a button to vertically align (same padding as links) it inside the navbar.</p>

</div>

</body>

</html>

NAVBAR FORM

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#">Page 1</a></li>

<li><a href="#">Page 2</a></li>

</ul>

<form class="navbar-form navbar-left" action="/action\_page.php">

<div class="form-group">

<input type="text" class="form-control" placeholder="Search" name="search">

</div>

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

</form>

</div>

</nav>

COLLAPSING NAVIGATION BAR

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="#">WebSiteName</a>

</div>

<div class="collapse navbar-collapse" id="myNavbar">

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li class="dropdown">

<a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1 <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Page 1-1</a></li>

<li><a href="#">Page 1-2</a></li>

<li><a href="#">Page 1-3</a></li>

</ul>

</li>

<li><a href="#">Page 2</a></li>

<li><a href="#">Page 3</a></li>

</ul>

<ul class="nav navbar-nav navbar-right">

<li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>

<li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>

</ul>

</div>

</div>

</nav>

<div class="container">

<h3>Collapsible Navbar</h3>

<p>In this example, the navigation bar is hidden on small screens and replaced by a button in the top right corner (try to re-size this window).

<p>Only when the button is clicked, the navigation bar will be displayed.</p>

</div>

</body>

</html>

<div class="container">

<h3>Navbar Forms</h3>

<p>Use the .navbar-form class to vertically align form elements (same padding as links) inside the navbar.</p>

</div>

</body>

</html>

BOOTSTRAP LIST

<li> - .list-group-item

<ul> - .list-group

<ol>

.list-group-item-success

.list-group-item-info

.list-group-item-warning

.list-group-item-danger

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<link rel="stylesheet" href="custom.css">

<link rel="stylesheet" href="color.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>List Group With Contextual Classes</h2>

<ul class="list-group">

<li class="list-group-item list-group-item-success">First item</li>

<li class="list-group-item list-group-item-info">Second item</li>

<li class="list-group-item list-group-item-warning">Third item</li>

<li class="list-group-item list-group-item-danger">Fourth item</li>

</ul>

<h2>Linked Items With Contextual Classes</h2>

<p>Move the mouse over the linked items to see the hover effect:</p>

<div class="list-group">

<a href="#" class="list-group-item disabled">First item</a>

<a href="#" class="list-group-item list-group-item-info">Second item</a>

<a href="#" class="list-group-item list-group-item-warning">Third item</a>

<a href="#" class="list-group-item list-group-item-danger">Fourth item</a>

</div>

</div>

</body>

</html>

ACTIVITY

Webpage – carousel, form, card, list, badges, icons, navigation bar[fixed at top]

Separate CSS file for customization, overriding the styles of Bootstrap