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Bootstrap Typography

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In this tutorial you will learn about the styling and formatting of text content like headings, paragraphs, blockquotes, and so on with Bootstrap.

Working with Headings

You can define all HTML headings, `<h1>` through `<h6>` — In the same way you define in simple HTML document. You can also utilize the heading classes `.h1` through `.h6` on other elements, if you want to apply the style on element's text same as headings.

Example	Try this code »

```
1   <h1>h1. Bootstrap heading</h1>
2   <h2>h2. Bootstrap heading</h2>
3   <h3>h3. Bootstrap heading</h3>
4   <h4>h4. Bootstrap heading</h4>
5   <h5>h5. Bootstrap heading</h5>
6   <h6>h6. Bootstrap heading</h6>
```

— The output of the above example will look something like this:

h1. Bootstrap heading
h2. Bootstrap heading
h3. Bootstrap heading
h4. Bootstrap heading
h5. Bootstrap heading
h6. Bootstrap heading

Customizing Headings

Additionally, you can use the `<small>` tag with `.text-muted` class to display the secondary text of any heading in a smaller and lighter variation. Here's an example:

Example	Try this code »

```
1   <h2>
2       Fancy display heading
3       <small class="text-muted">With faded secondary text</small>
4   </h2>
```

— The output of the above example will look something like this:

Fancy display heading With faded secondary text

Display Headings

Bootstrap also provides display headings that can be used when you need a heading to stand out. Display headings are displayed in larger `font-size` but lighter `font-weight`.

Six different display headings are available. Here's is an example:

Example	Try this code »

```
1   <h1 class="display-1">Display Heading 1</h1>
2   <h1 class="display-2">Display Heading 2</h1>
3   <h1 class="display-3">Display Heading 3</h1>
4   <h1 class="display-4">Display Heading 4</h1>
5   <h1 class="display-5">Display Heading 5</h1>
6   <h1 class="display-6">Display Heading 6</h1>
```

— The output of the above example will look something like this:

Display Heading 1
Display Heading 2
Display Heading 3
Display Heading 4
Display Heading 5
Display Heading 6

Working with Paragraphs

Bootstrap's global default `font-size` is **1rem** (typically 16px), with a `line-height` of **1.5** (typically 24px), which is applied to the `<body>` element as well as all the paragraphs i.e. the `<p>` elements. In addition to that `margin-bottom` of **1rem** is also applied to all the paragraphs.

You can also make a paragraph stand out by adding the class `.lead` on it.

Example	Try this code »

```
1   <p>This is how a normal paragraph looks like in Bootstrap.</p>
2   <p class="lead">This is how a paragraph stands out in Bootstrap.</p>
```

— The HTML code in the above examples will produce the following result:

This is how a normal paragraph looks like in Bootstrap.

This is how a paragraph stands out in Bootstrap.

Tip: In CSS `rem` stands for "root em". 1rem is equal to the font size of the root element (i.e. the `<html>` element), which is 16px in most browsers by default.

Text Alignment

You can easily align text to left, right, and center using the text alignment classes.

Example	Try this code »

```
1  <p class="text-start">Left aligned text on all viewport sizes.</p>
2  <p class="text-center">Center aligned text on all viewport sizes.</p>
3  <p class="text-end">Right aligned text on all viewport sizes.</p>
```

— The output of the above example will look something like this:

Left aligned text on all viewport sizes.

Center aligned text on all viewport sizes.

Right aligned text on all viewport sizes

You can also align text based on screen size using the responsive text alignment classes. These classes use the same viewport width breakpoints as the grid system.

Example	Try this code »

```
1  <p class="text-sm-center">Text will be center aligned on small sized
   (sm) viewports and up.</p>
2  <p class="text-md-center">Text will be center aligned on medium sized
   (md) viewports and up.</p>
3  <p class="text-lg-center">Text will be center aligned on large sized
   (lg) viewports and up.</p>
4  <p class="text-xl-center">Text will be center aligned on extra-large
   sized (xl) viewports and up.</p>
```

Text Formatting

You are free to use text formatting tags like `<strong>`, `<i>`, `<small>` to make your text bold, italic, small and so on, in the same way you do in simple HTML page. Here's an example:

Example	Try this code »

```
1   <p><b>This is bold text</b></p>
2   <p><code>This is computer code</code></p>
3   <p><em>This is emphasized text</em></p>
4   <p><i>This is italic text</i></p>
5   <p><mark>This is highlighted text</mark></p>
6   <p><small>This is small text</small></p>
7   <p><strong>This is strongly emphasized text</strong></p>
8   <p>This is <sub>subscript</sub> and <sup>superscript</sup></p>
9   <p><ins>This text is inserted to the document</ins></p>
10  <p><del>This text is deleted from the document</del></p>
```

— The output of the above example will look something like this:

This is bold text

This is computer code

This is emphasized text

This is italic text

This is highlighted text

This is small text

This is strongly emphasized text

This is ₛᵤᵦₛcᵣᵢₚₜ and ˢᵘᵖᵉʳˢᶜʳⁱᵖᵗ

This text is inserted to the document

~~This text is deleted from the document~~

Text Transformation

You can also transform the text to lowercase, uppercase or make them capitalize.

Example	Try this code »

```
1  <p class="text-lowercase">The quick brown fox jumps over the lazy dog.
   </p>
2  <p class="text-uppercase">The quick brown fox jumps over the lazy dog.
   </p>
3  <p class="text-capitalize">The quick brown fox jumps over the lazy dog.
   </p>
```

— The output of the above example will look something like this:

the quick brown fox jumps over the lazy dog.

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

The Quick Brown Fox Jumps Over The Lazy Dog.

Text Coloring

Colors are the powerful method of conveying important information in website design.

Bootstrap has handful of emphasis utility classes that can be used for this purpose such as showing success message in green color, warning or error message in red color, etc.

Example	Try this code »

```
1  <p class="text-primary">Primary: Please read the instructions carefully
   before proceeding.</p>
2  <p class="text-secondary">Secondary: This is featured has been removed
   from the latest version.</p>
3  <p class="text-success">Success: Your message has been sent
   successfully.</p>
4  <p class="text-info">Info: You must agree with the terms and conditions
   to complete the sign up process.</p>
5  <p class="text-warning">Warning: There was a problem with your network
   connection.</p>
6  <p class="text-danger">Danger: An error has been occurred while
```

```
7    submitting your data.</p>
     <p class="text-muted">Muted: This paragraph of text is grayed out.</p>
```

— The output of the above example will look something like this:

Primary: Please read the instructions carefully before proceeding.

Secondary: This is featured has been removed from the latest version.

Success: Your message has been sent successfully.

Info: You must agree with the terms and conditions to complete the sign up process.

Warning: There was a problem with your network connection.

Danger: An error has been occurred while submitting your data.

Muted: This paragraph of text is grayed out.

Please, check out the Bootstrap helper classes chapter to learn about other text coloring and background coloring classes, as well as various other utility classes.

Styling Blockquotes

You can also give pretty look to your blockquotes — Just define the blockquotes using the standard `<blockquote>` element and bootstrap's style sheet will do the rest.

Example   Try this code »

```
1    <blockquote class="blockquote">
2        <p>Imagination is more important than knowledge.</p>
3    </blockquote>
```

— The output of the above example will look something like this:

Imagination is more important than knowledge.

When providing attribution, wrap your `<blockquote>` in a `<figure>` element and use a `<figcaption>` or a block level element (e.g., `<p>`) with the `.blockquote-footer` class, like this:

Example   Try this code »

```
1    <figure>
2        <blockquote class="blockquote">
3            <p>The world is a dangerous place to live; not because of the
     people who are evil, but because of the people who don't do anything
     about it.</p>
4        </blockquote>
5        <figcaption class="blockquote-footer">by <cite>Albert
     Einstein</cite></figcaption>
6    </figure>
```

— The output of the above example will look something like this:

The world is a dangerous place to live; not because of the people who are evil, but because of the people who don't do anything about it.
— by *Albert Einstein*

You can also align blockquotes to the right or center by simply applying the text alignment classes `.text-end` or `.text-center` on the `<blockquote>` or `<figure>` element.

Truncating Long Text

For longer text, you can use the class `.text-truncate` to truncate the text with an ellipsis. The `display` property value of the element must be `inline-block` or `block`.

It is particularly helpful in a situation where you want to display a piece of text in a single line but there is no enough space available. Let's try out an example and see how it works:

Example	Try this code »

```
1   <!-- Block level element -->
2   <div class="row">
3       <div class="col-2 text-truncate">
4           The quick brown fox jumps over the lazy dog.
5       </div>
6   </div>
7
8   <!-- Inline level element -->
9   <span class="d-inline-block text-truncate" style="max-width: 100px;">
10      The quick brown fox jumps over the lazy dog.
11  </span>
```

Text wrapping and Overflow

You can use the class `.text-wrap` to wrap the text within an element by overwriting its `white-space` property if it is set to `pre` or `nowrap`, such as Bootstrap badge components.

Similarly, you can use the class `.text-nowrap` to prevent text from wrapping within an element.

Let's try out the following example to understand how it basically works:

Example	Try this code »

```
1   <div class="badge bg-primary text-wrap" style="width: 6rem;">
2       This text will wrap.
3   </div>
4   <div class="bg-warning text-nowrap" style="width: 6rem;">
5       This text will overflow the element's box.
6   </div>
```

Wrapping Long Word

You can use the class `.text-break` to prevent long word from breaking your layout.

Let's try out the following example to understand how it basically works:

Example	Try this code »

```
1   <div class="row">
2       <div class="col-2">
3           <p class="text-break">veryveryveryveryveryveryverylongword</p>
4       </div>
5   </div>
```

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