

The background of the slide is a light beige color. In the top left corner, there is a corkboard with a few papers pinned to it. In the center, there is a large, stylized illustration of a laptop. The laptop screen displays a website layout with a blue header, a red bar, and a chart with several colorful triangles (red, yellow, green, blue, purple). To the left of the laptop, there is a red control panel with two gauges and a red button. Above the laptop, there are several colorful circles (blue, red, orange, green, grey) containing text: 'www', 'HTML5', 'js', 'XML', 'Cloud', and 'PHP'. Dotted lines connect some of these circles. The overall theme is web technologies and engineering.

ECAP472

WEB TECHNOLOGIES

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Learning Outcomes



After this lecture, you will be able to

- understand Bootstrap Text/Typography.
- understand Bootstrap Forms.

Bootstrap Text/Typography

Bootstrap's Default Settings

- Bootstrap's global default font-size is 14px, with a line-height of 1.428.
- This is applied to the `<body>` element and all paragraphs (`<p>`).
- In addition, all `<p>` elements have a bottom margin that equals half their computed line-height (10px by default).

Typography Classes

.font-weight-bold	Bold text
.font-weight-bolder	Bolder text
.font-italic	Italic text
.lead	Makes a paragraph stand out
.text-uppercase	Indicates uppercased text
.text-left	Indicates left-aligned text

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`.

Text 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`

Bootstrap Forms

In Bootstrap, there are three types of form layouts:

- Vertical form (this is default)
- Horizontal form
- Inline form

Bootstrap Form Rules

- There are three standard rules for these 3 form layouts:
 - Always use `<form role="form">` (helps improve accessibility for people using screen readers)
 - Wrap labels and form controls in `<div class="form-group">` (needed for optimum spacing)
 - Add class `.form-control` to all textual `<input>`, `<textarea>`, and `<select>` elements

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Bootstrap Vertical Form (Default)

Vertical Form Example

Email address

Password

Bootstrap Inline Form



In an inline form, all of the elements are inline, left-aligned, and the labels are alongside.

Note: This only applies to forms within viewports that are at least 768px wide!

Additional rule for an inline form:

Add class `.form-inline` to the `<form>` element

Bootstrap Inline Form

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Horizontal form

A horizontal form means that the labels are aligned next to the input field (horizontal) on large and medium screens. On small screens (767px and below), it will transform to a vertical form (labels are placed on top of each input).

Horizontal form

- Additional rules for a horizontal form:
 - Add class `.form-horizontal` to the `<form>` element
 - Add class `.control-label` to all `<label>` elements
 - Tip: Use Bootstrap's predefined grid classes to align labels and groups of form controls in a horizontal layout.

Bootstrap Badges and Labels

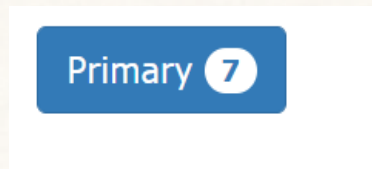
Badges

- Badges are numerical indicators of how many items are associated with a link:



Bootstrap Badges and Labels

- The numbers (5, 10, and 2) are the badges.
- Use the `.badge` class within `` elements to create badges:
- Badges can also be used inside other elements, such as buttons:



Labels

- Labels are used to provide additional information about something:
- Use the `.label` class, followed by one of the six contextual classes `.label-default`, `.label-primary`, `.label-success`, `.label-info`, `.label-warning` or `.label-danger`, within a `` element to create a label:

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Practical



That's all for now...