



# Bootstrap Basics

## Lecture # 3

### Bootstrap Container Classes

A Bootstrap container is a fundamental layout component in the Bootstrap framework that is used to center and pad content within a webpage. It helps organize content responsively across different screen sizes. Bootstrap offers two main types of containers:

1. `.container`: This class creates a fixed-width container that adjusts based on the screen size (small, medium, large, etc.). The width is responsive but has predefined maximum widths for each screen size.
2. `.container-fluid`: This class creates a full-width container that always spans the entire width of the viewport, regardless of the screen size.

### Usage

- To structure content: Containers are used to wrap sections of content or entire pages, ensuring that the content is properly aligned and spaced.
- For responsive layouts: They provide a way to build responsive layouts that adapt across different devices (like mobile, tablets, desktops).

	<b>Extra small</b> <576px	<b>Small</b> ≥576px	<b>Medium</b> ≥768px	<b>Large</b> ≥992px	<b>X-Large</b> ≥1200px	<b>XX-Large</b> ≥1400px
<code>.container</code>	100%	540px	720px	960px	1140px	1320px
<code>.container-sm</code>	100%	540px	720px	960px	1140px	1320px
<code>.container-md</code>	100%	100%	720px	960px	1140px	1320px
<code>.container-lg</code>	100%	100%	100%	960px	1140px	1320px
<code>.container-xl</code>	100%	100%	100%	100%	1140px	1320px
<code>.container-xxl</code>	100%	100%	100%	100%	100%	1320px
<code>.container-fluid</code>	100%	100%	100%	100%	100%	100%