Bootstrap Basics

Lecture # 4

Grid and Column System

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. It divides the page into a 12-column layout, which makes it easy to organize content.

Key Points:

1. Container: The grid system is housed within a container (`.container` or `.container-fluid`) that centers and controls the layout's width.
2. Rows: Inside the container, you create rows using the `.row` class. Rows are used to group columns and make them responsive.
3. Columns: Each row is divided into columns, and you can use up to 12 columns per row. You add columns with the .col class (e.g., `.col-4` for 4 out of 12 columns).
4. Responsive Breakpoints: Bootstrap has five responsive breakpoints (`col-sm`, `col-md`, `col-lg`, `col-xl`, `col-xxl`) for different screen sizes. You can specify different   column widths for different devices.

	xs <576px	sm ≥576px	md ≥768px	lg ≥992px	xl ≥1200px	xxl ≥1400px
Container max-width	None (auto)	540px	720px	960px	1140px	1320px
Class prefix	.col-	.col-sm-	.col-md-	.col-lg-	.col-xl-	.col-xxl-
# of columns	12					