

Front End Fundamentals II

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CSS Frameworks (Bootstrap)

CSS Frameworks

CSS Frameworks provide a basic structure that

- Gives you a consistent design
- Provides consistent solutions for common issues
- Decreases the time needed for developing websites

CSS Frameworks

There are a lot of CSS Frameworks to choose from. All of them have strengths and weaknesses. Once you learn and understand one framework, it helps with learning others.

- [Bootstrap](#)
- [Foundation](#)
- [Skeleton](#)
- [Tailwind CSS](#)
- [Bulma](#)
- [UIKit](#)

Bootstrap 5

We are going to learn Bootstrap for our CSS Framework.

Bootstrap version 5 just arrived in May!

Bootstrap 5 Grid

Bootstrap uses Flexbox under the hood to make a fluid layout.

All of the CSS is pre-written for you. You only need to add the class names to your elements

Bootstrap 5 Containers

Containers are required when using the grid system

You will add a container class around your page

There are three different containers

- `.container` (sets a max-width for the breakpoint)
- `.container-fluid` (100% width for all breakpoints)
- `.container-{breakpoint}` (100% width until a specified breakpoint)

Let's Develop It

Let's create a TOP 10 Cutest Animals website to practice Bootstrap

Remember to use what you learned about accessibility when adding your top 10 list

If you are having trouble coming up with text, just use lorem ipsum as a placeholder.

- <https://getbootstrap.com/docs/5.0/getting-started/introduction/#starter-template>
- Click the “Copy” button
- Paste the starter template code in your code editor
- Create a container element
- Modify the HTML to add your top 10 items
- If you have time, add images and headings to make your site more interesting

Bootstrap 5

Let's look at the Bootstrap website to learn about the grid system

Let's Develop It

Let's add the Bootstrap grid to our top 10 list

- Decide how you want your page to look
- Inside of your container, add one or more “row” elements
- Inside of your row(s), add columns to match your layout idea
- If you have time, make sure your sections have headings and images
- Try adding `class="img-fluid"` to your images

Sharing Time!

Bootstrap allows you
to build consistently
styled websites fast.

Questions?