

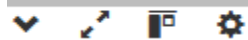
- **What is Bootstrap?**

An open-source front-end development framework for the creation of websites and web apps. Designed to enable responsive development of mobile-first websites, Bootstrap provides a collection of syntax for template designs.

- **How do you use Bootstrap containers?**

Containers are fundamental layout elements used to contain, pad, and align content within a responsive layout. Bootstrap offers two main types of containers; **.container** (a fixed width container) and **.container-fluid** (a full-width container that spans the entire width of the viewport).

```
i 1 <div class="container">
  2   <h1>My First Bootstrap Page</h1>
  3   <p>This is some text.</p>
  4 </div>
```



My First Bootstrap Page

This is some text.

- **How do you use Bootstrap Typography?**

It refers to the collection of pre-defined classes and styles in Bootstrap that help you format text. It is used by adding predefined classes directly to HTML elements.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Bootstrap Typography with Color</title>
6   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
7 </head>
8 <body>
9
10  <div class="container">
11    <h1 class="text-primary">Hello, Bootstrap!</h1>
12    <p>This is a simple paragraph using Bootstrap.</p>
13  </div>
14
15 </body>
16 </html>
```

Hello, Bootstrap!

This is a simple paragraph using Bootstrap.

Bootstrap's **text-primary class** is used to change the color of the heading to blue. The rest of the styling is handled by Bootstrap's default settings.

- **How do you use Bootstrap in Colors?**

To use colors in Bootstrap, you can apply predefined color utility classes to elements like text, backgrounds, and borders. Bootstrap provides several classes for common colors that make it easy to style your elements without writing custom CSS.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Bootstrap Colors</title>
6   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
7 </head>
8 <body class="p-4">
9
10  <div class="container">
11    <h1 class="text-primary">Primary Text Color</h1>
12    <div class="bg-success text-white p-3 mt-3">Success Background Color</div>
13    <div class="border border-danger p-3 mt-3">Danger Border Color</div>
14  </div>
15
16 </body>
17 </html>
```

Primary Text Color

Success Background Color

Danger Border Color

- Text Color: **.text-primary** applies a blue color to the text.
- Background Color: **.bg-success** adds a green background to the div, with white text using **.text-white**.
- Border Color: **.border-danger** applies a red border around the div.

References:

https://www.w3schools.com/bootstrap5/bootstrap_containers.php/1000

https://www.w3schools.com/bootstrap5/bootstrap_typography.php

https://www.w3schools.com/bootstrap5/bootstrap_colors.php