



Bootstrap



Treasa Geethu P J



<https://github.com/geethugithub7>

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Why Use Bootstrap?

Advantages of Bootstrap:

- Easy to use: Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- Responsive features: Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- Mobile-first approach: In Bootstrap, mobile-first styles are part of the core framework
- Browser compatibility: Bootstrap 5 is compatible with all modern browsers (Chrome, Firefox, Edge, Safari, and Opera). Note that if you need support for IE11 and down, you must use either BS4 or BS3.

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Where to Get Bootstrap 5?

There are two ways to start using Bootstrap 5 on your own website.

You can:

- Include Bootstrap 5 from a CDN
- Download Bootstrap 5 from getbootstrap.com

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Bootstrap 5 CDN

If you don't want to download and host Bootstrap 5 yourself, you can include it from a CDN (Content Delivery Network).

jsDelivr provides CDN support for Bootstrap's CSS and JavaScript:

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```
<!-- Latest compiled and minified CSS -->
```

```
<link
```

```
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
<!-- Latest compiled JavaScript -->
```

```
<script
```

```
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
```

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Downloading Bootstrap 5

If you want to download and host Bootstrap 5 yourself, go to <https://getbootstrap.com/>, and follow the instructions there.

[Get Start](#)

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Create Your First Web Page With Bootstrap 5

1. **Add the HTML5 doctype : Bootstrap 5 uses HTML elements and CSS properties that require the HTML5 doctype.**

Always include the HTML5 doctype at the beginning of the page, along with the lang attribute and the correct title and character set:



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```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Bootstrap 5 Example</title>
    <meta charset="utf-8">
  </head>
</html>
```

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2. Bootstrap 5 is mobile-first : Bootstrap 5 is designed to be responsive to mobile devices. Mobile-first styles are part of the core framework.

To ensure proper rendering and touch zooming, add the following `<meta>` tag inside the `<head>` element:

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

The `width=device-width` part sets the width of the page to follow the screen-width of the device (which will vary depending on the device).

The `initial-scale=1` part sets the initial zoom level when the page is first loaded by the browser.



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3. Containers : Bootstrap 5 also requires a containing element to wrap site contents. There are two container classes to choose from:

- **.container class :** provides a responsive fixed width container
- **.container-fluid class :** provides a full width container, spanning the entire width of the viewport



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.container

.container-fluid

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Container Example :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-width, initial-scale=1">
```

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Container Example :

```
<link  
href="https://cdn.jsdelivr.net/npm/bootstrap@5.  
.3.2/dist/css/bootstrap.min.css" rel="stylesheet">  
<script  
src="https://cdn.jsdelivr.net/npm/bootstrap@5.  
3.2/dist/js/bootstrap.bundle.min.js"></script>  
</head>
```

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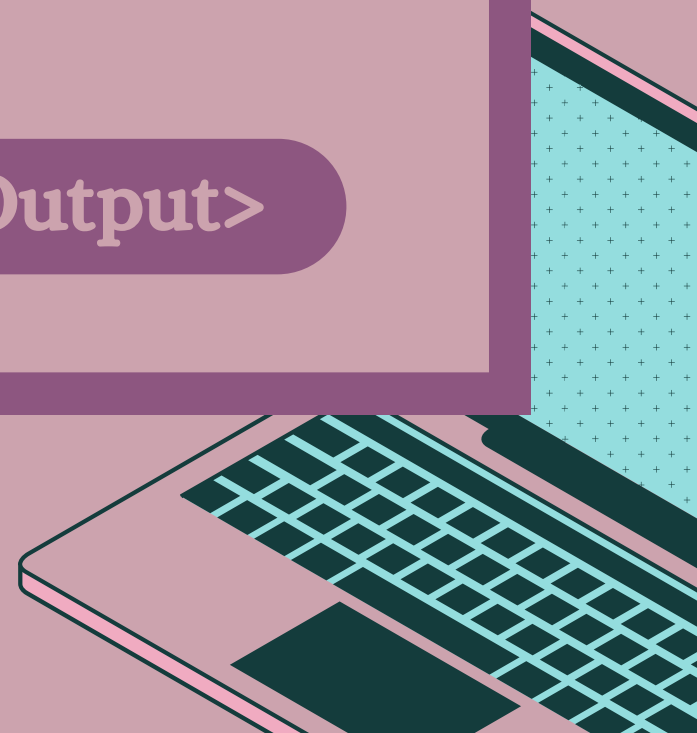
<https://github.com/geethugithub7>

Container Example :

```
<body>
<div class="container">
  <h1>My First Bootstrap Page</h1>
  <p>This part is inside a .container class.</p>
  <p>The .container class provides a responsive
fixed width container.</p>
</div>
</body>
</html>
```

Output>

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Output :



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Container-fluid Example :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-width, initial-scale=1">
```

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Container-fluid Example :

```
<link  
href="https://cdn.jsdelivr.net/npm/bootstrap@5  
.3.2/dist/css/bootstrap.min.css" rel="stylesheet">  
<script  
src="https://cdn.jsdelivr.net/npm/bootstrap@5.  
3.2/dist/js/bootstrap.bundle.min.js"></script>  
</head>
```

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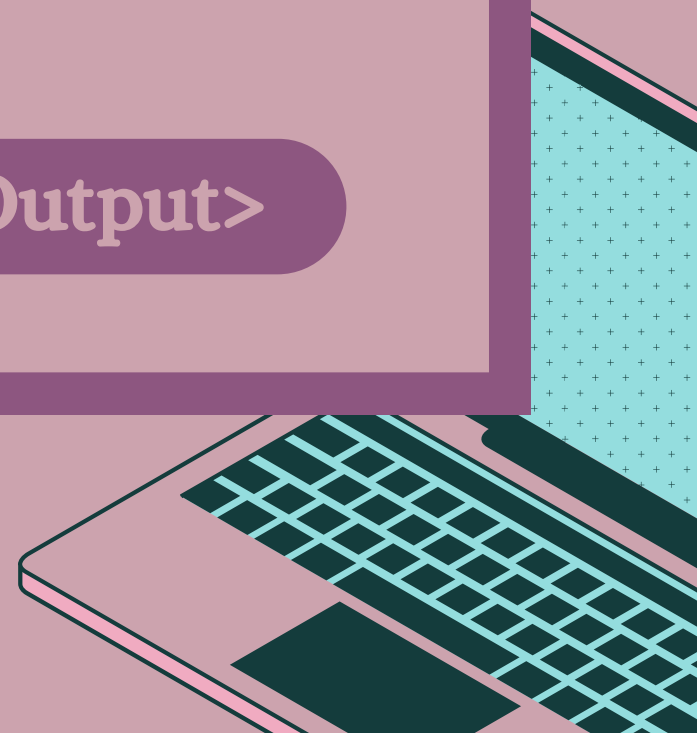
<https://github.com/geethugithub7>

Container-fluid Example :

```
<body>
<div class="container-fluid">
  <h1>My First Bootstrap Page</h1>
  <p>This part is inside a .container-fluid class.
</p>
  <p>The .container-fluid class provides a full
width container, spanning the entire width of
the viewport.</p>
</div>
</body>
</html>
```

Output>

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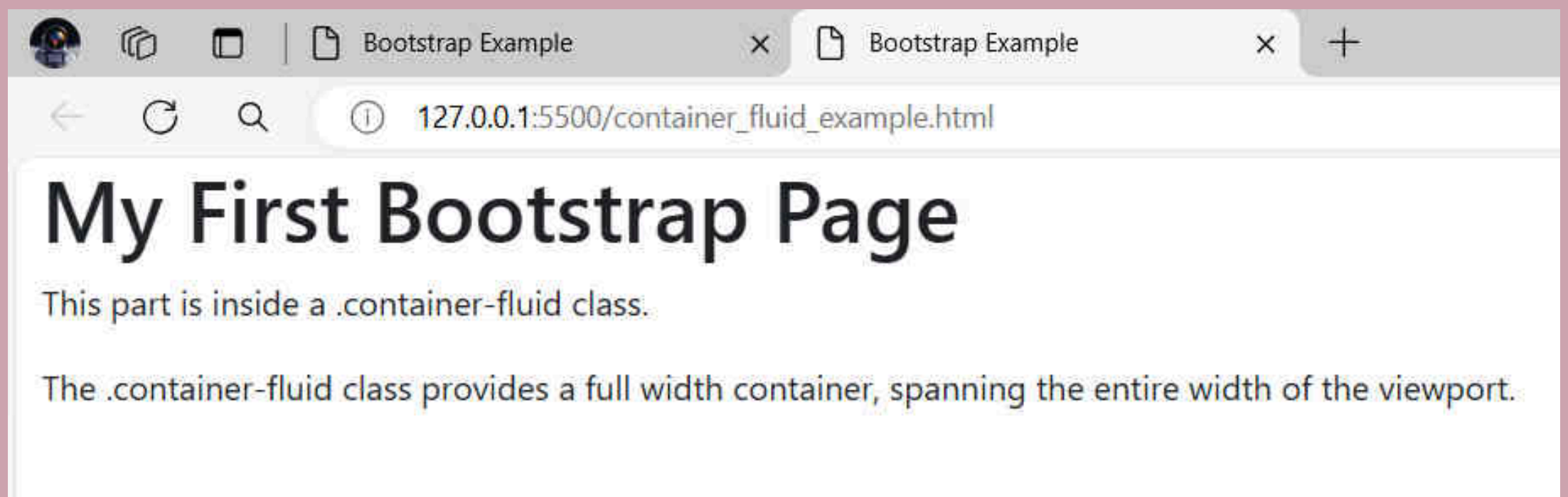


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Output :



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