

### 1. Pengenalan Bootstrap

situs resmi: <https://getbootstrap.com/>

belajar: [https://www.w3schools.com/bootstrap/bootstrap\\_ver.asp](https://www.w3schools.com/bootstrap/bootstrap_ver.asp)

belajar bootstrap5: <https://www.w3schools.com/bootstrap5/index.php>

### 2. What is Bootstrap?

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

### 3. Contoh 1 Bootstrap5.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Contoh Bootstrap 5</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>

<div class="container-fluid p-5 bg-primary text-white text-center">
  <h1>Halaman Pertama dengan Bootstrap - Sutrisno Sukarno</h1>
```

```
<p>Resize this responsive page to see the effect!</p>
</div>

<div class="container mt-5">
  <div class="row">
    <div class="col-sm-4">
      <h3>Column 1</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 2</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 3</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
    </div>
  </div>
</div>

</body>
</html>
```

#### 4. Sejarah Bootstrap

- Bootstrap pertama kali dikembangkan di Twitter sebagai project internal bernama Twitter Blueprint, tujuannya untuk membuat CSS library agar tampilan frontend di internal Twitter konsisten
- Twitter akhirnya merilis Twitter Blueprint sebagai project opensource tahun 2011 dengan nama Bootstrap
- Saat ini Bootstrap sudah rilis versi 5, dan menjadi salah satu CSS framework terpopuler di Github
- <https://getbootstrap.com/>
- <https://github.com/twbs/bootstrap>

## 5. Kenapa Belajar Bootstrap






- Bootstrap didesain agar responsive dan bisa berjalan di semua browser modern
- Bootstrap memiliki banyak sekali komponen, seperti navbar, dropdown, label, alert, dan lain-lain
- Bootstrap bisa mudah dikembangkan dan disesuaikan sesuai dengan kebutuhan kita
- Bootstrap tidak membutuhkan library lain, sehingga sangat optimal untuk kita gunakan
- Banyak sekali template-template yang gratis dan berbayar dibuat menggunakan Bootstrap, sehingga sangat bermanfaat ketika kita mengerti Bootstrap

## 6. Petunjuk Pemakaian Bootstrap:

- <https://getbootstrap.com/docs/5.3/getting-started/download/>
- [https://www.w3schools.com/bootstrap5/bootstrap\\_get\\_started.php](https://www.w3schools.com/bootstrap5/bootstrap_get_started.php)

## 7. Download dan ekstrak bootstrap

BELAJAR > BOOTSTRAP > PART 1

Name	Date modified	Type	Size
 bootstrap-5.3.3-dist	20/02/2024 22.04	File folder	
 bootstrap5	11/12/2024 10.22	Microsoft Edge H...	2 KB
 bootstrap-5.3.3-dist	11/12/2024 10.54	WinRAR ZIP archive	1.468 KB
 readme	11/12/2024 10.55	Microsoft Word D...	16 KB
 README	11/12/2024 10.53	Text Document	4 KB

Isi folder bootstrap:

BELAJAR > BOOTSTRAP > PART 1 > bootstrap-5.3.3-dist				
	Name	Date modified	Type	Size
	css	20/02/2024 22.04	File folder	
	js	20/02/2024 22.04	File folder	

Didalamnya ada file-file css dan js yang akan di pakai oleh kita.

8. Buat file helloworld1.html dengan css dan js dari file hasil download

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Latihan 1 Bootstrap - Sutrisno Sukarno</title>

  <link rel="stylesheet" href="bootstrap-5.3.3-dist/css/bootstrap.min.css">

</head>

<body>

  <h1>Hello World</h1>

  <script></script>

  <script src="bootstrap-5.3.3-dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>
```

9. Buat helloworld2.html dengan css dan js dari CDN (Content Delivery Network)

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">
```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Latihan 1 Bootstrap - Sutrisno Sukarno</title>

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

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body>

  <h1>Hello World 2 Sutrisno Sukarno</h1>


  <!-- Latest compiled JavaScript -->

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

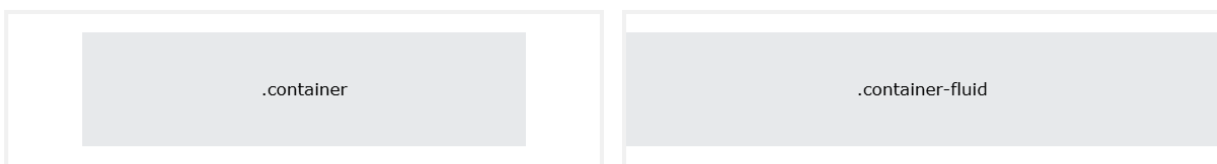
```

## Bootstrap 5 Containers

You learned from the previous chapter that Bootstrap requires a containing element to wrap site contents.

Containers are used to pad the content inside of them, and there are two container classes available:

1. The `.container` class provides a responsive **fixed width container**
2. The `.container-fluid` class provides a **full width container**, spanning the entire width of the viewport



### 10. container.html

```

<!DOCTYPE html>

<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">

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

```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="container">

  <h1>Penggunaan Klas Kontener - Sutrisno Sukarno</h1>

  <p>This part is inside a .container class.</p>

  <p>The .container class provides a responsive fixed width container.</p>

  <p>Resize the browser window to see that the container width will change at different
breakpoints.</p>

</div>

</body>

</html>
```

## 11. container-fluid.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">

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

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

</head>

<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>
```

## 12. Silahkan di praktekan bootstrap components

<https://getbootstrap.com/docs/5.3/components/accordion/>  
<https://getbootstrap.com/docs/5.3/components/alerts/>  
<https://getbootstrap.com/docs/5.3/components/badge/>  
<https://getbootstrap.com/docs/5.3/components/breadcrumb/>  
<https://getbootstrap.com/docs/5.3/components/buttons/>  
<https://getbootstrap.com/docs/5.3/components/button-group/>  
<https://getbootstrap.com/docs/5.3/components/card/>  
<https://getbootstrap.com/docs/5.3/components/carousel/>  
<https://getbootstrap.com/docs/5.3/components/close-button/>  
<https://getbootstrap.com/docs/5.3/components/close-button/>  
<https://getbootstrap.com/docs/5.3/components/close-button/>  
<https://getbootstrap.com/docs/5.3/components/close-button/>  
<https://getbootstrap.com/docs/5.3/components/collapse/>  
<https://getbootstrap.com/docs/5.3/components/dropdowns/>  
<https://getbootstrap.com/docs/5.3/components/list-group/>  
<https://getbootstrap.com/docs/5.3/components/navbar/>

