

Framework: Bootstrap

CSS framework

- A **CSS framework** is a precreated set of CSS classes or other software tools that make it easier to use and work with CSS.
- *“Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites.” --w3schools*
- Bootstrap is a type of grid system which makes it easier to create a multicolumn layout. And you can get ready themes.

Link to Bootstrap

1. CSS for head section: (note using this older version as it's the one linked to from W3schools)

Put in Head Section:

```
<link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap  
/3.4.1/css/bootstrap.min.css">
```

```
<body>
  <div class="container">
    <div class="row">
      <div class="col-md-2">
        left column
      </div>
      <div class="col-md-7">
        main content
      </div>
      <div class="col-md-3">
        right column
      </div>
    </div>
  </div>
</body>
```

LISTING 5.3 Using the Bootstrap grid

Output

left column

main content

right column

Bootstrap, cont.

- Bootstrap's grid is 12 columns. Therefore, to create three equal-sized columns, they each need to span 4 grid columns.
- Or they can be unequal as in the previous example.

Bootstrap Jumbotron

My first Jumbotron.

text here.

```
<div class="jumbotron">  
  <h1>Bootstrap Jumbotron</h1>  
  <p>My first Jumbotron.</p>  
</div>
```

```
<div class="container">  
  <p>text here.</p>  
</div>
```

Bootstrap Image Gallery Example

- https://www.w3schools.com/bootstrap/tryit.asp?filename=trybs_img_thumbnail2&stacked=h

Bootstrap Templates and Themes

- https://www.w3schools.com/bootstrap/bootstrap_theme_me.asp

Bootstrap Example

- Check out w3schools here
- https://www.w3schools.com/bootstrap/tryit.asp?filename=trybs_default&stacked=h