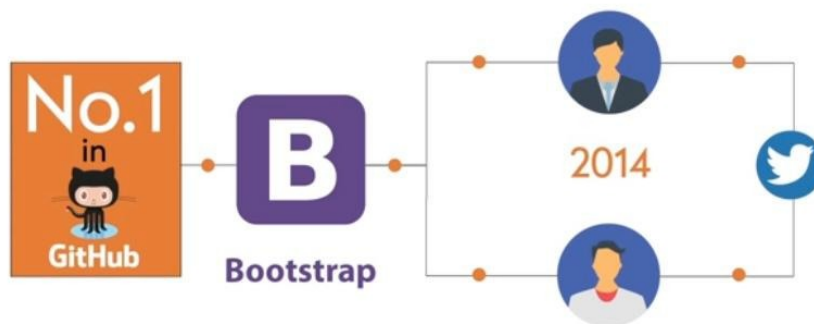




## Bootstrap:

- Bootstrap is a Free and open-source CSS Framework.
- Bootstrap was created by Mark Otto and Jacob in the mid 2010's.
- Bootstrap was initially used at TWITTER as a framework to maintain consistency.
- Templates are readily available for typography, forms, buttons, navigation etc.

### History





## Advantages

- ▶ Easier to use
- ▶ Responsive Features
- ▶ Compatible with almost newly released browsers

## Why Bootstrap?

- A lot easier to use than HTML and CSS.
- Need not write for multiple responsiveness, it is easily adaptable.
- Bootstrap is customizable i.e. according to the existing design already developed by the user and helps us to create our own theme.
- Compatible to all the modern browsers versions.
- Creates platform independent pages.

## Bootstrap Setup:

- Bootstrap setup can be easily done by adding few links in the html code.
- The website for Bootstrap is [getbootstrap.com](https://getbootstrap.com)
- In the head tag we can add the link:

<link

href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"

integrity="sha384-1BmE4kWBq78iYhFIdvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

- The above link must be added after the title tag.
- Even the java-script tag must be added .This tag must be added at the end of the body tag because it takes time to load.
- The scripts to be added for JS are:

<script

src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.10.2/dist/umd/popper.min.js"

integrity="sha384-7+zCNj/IqJ95wo16oMtfSKbZ9ccEh31eOz1HGYDuCQ6wgnyJNSYdrPa03rtR1zdB" crossorigin="anonymous"></script>

<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js"

integrity="sha384-QJHtvGhmr9XOIpI6YVutG+2QOK9T+ZnN4kzFN1RtK3zEFEIsxhlmWl5/YESvpZ13" crossorigin="anonymous"></script>

## Container and Fluid Container:

Bootstrap sets-up the page by using a class container.

There are two types:

- container

- container-fluid (mostly not used)

This class="container" has to be added in the div tag so that it is responsive and fixed-width container.

## Difference Between CSS and Bootstrap:

- 

CSS	BOOTSTRAP
Used for styling the website and helps in beautifying the appearance like font, color, margin, padding, etc.	Bootstrap is already an open-source CSS framework that is used as a template for developing a responsive website.
CSS doesn't have a grid system	Bootstrap is completely based on a grid system.
While styling in CSS, the website built is not responsive.	With bootstrap, we can build a responsive website
CSS, the code needs to be built from scratch	In bootstrap, we can add a predefined classes into the code without actually writing it.