Bootstrap

Bootstrap is a free and open-source collection of tools for creating websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites. It solves many problems which we had once, one of which is the cross browser compatibility issue. **Why Bootstrap?**

• Faster and Easier Web-Development.

• It creates Platform-independent web-pages.

• It creates Responsive Web-pages.

• It's designed to be responsive to mobile devices too.

• It's Free! Available on www.getbootstrap.com

Websites which were built with a lot of CSS and JavaScript can now be built with a few lines of code using Bootstrap. Bootstrap comprises of mainly three components:

• CSS

• Fonts

• Javascript

Installing Bootstrap:

Method A (BootstrapCDN):

This method of installing Bootstrap is fairly easy but it requires Internet connection. It is highly recommended that you follow this method.

- Goto getbootstrap and click Getting Started . Scroll down.

BootstrapCDN

Skip the download with BootstrapCDN to deliver cached version of Bootstrap's compiled CSS and JS to your project.

```
                                                                                    Copy
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-
```

If you're using our compiled JavaScript, don't forget to include CDN versions of jQuery and Popper.js before it.

```
                                                                                    Copy
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha
```

- Copy the <link> and paste it in the head section of the HTML code.
- Copy the <script> tag and paste those things in the body section at bottom position like the above code.

Method B (Compiled CSS and JS)

This method of installing bootstrap is also easy but it can work offline (doesn't require an internet connection) but it might not work for some browsers.

- Goto getbootstrap and click Getting Started. Click on the Download Bootstrap button and download the compiled CSS and JS.

Compiled CSS and JS

Download ready-to-use compiled code for **Bootstrap v4.3.1** to easily drop into your project, which includes:

- Compiled and minified CSS bundles (see CSS files comparison)
- Compiled and minified JavaScript plugins

This doesn't include documentation, source files, or any optional JavaScript dependencies (jQuery and Popper.js).

Download

- A.zip file would get downloaded. Extract it and go in the distribution folder. You would see 2 folders named CSS and JS. You can make your html file there and then you must paste these links in their respective sections.

<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">

<script src="js/bootstrap.min.js"></script>

<script src=

"https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js">

</script>

- Open the html document with the browser and see the difference which bootstrap makes! This would probably not support for higher versions of Internet Explorer(8+) and for them we need to download additional files which is cumbersome. So, It is highly recommended to follow Method A which is really very simple.