

## *ICT-Start – Session 01*

# Module 2: Creating static web pages using HTML5 and CSS3

**N) CSS Frameworks**

**December 2022**

# CSS Frameworks

- Web-Developers are not Designers!
- CSS Frameworks are ready-to-use CSS libraries for general use-cases
- Most popular HTML, CSS an JS framework: **Bootstrap**
  - <https://getbootstrap.com/>
- Bootstrap Themes:
  - <https://themes.getbootstrap.com/>

# Bootstrap CSS

- First option: Download the CSS files locally
  - <https://getbootstrap.com/docs/4.3/getting-started/download/>

## Compiled CSS and JS

Download ready-to-use compiled code for **Bootstrap v4.3.1** to













- Compiled and minified CSS bundles (see [CSS files compar](#)
- Compiled and minified JavaScript plugins

This doesn't include documentation, source files, or any options

Download

› bootstrap-4.3.1-dist › css

Name

-  bootstrap.css
-  bootstrap.css.map
-  bootstrap.min.css
-  bootstrap.min.css.map
-  bootstrap-grid.css
-  bootstrap-grid.css.map
-  bootstrap-grid.min.css
-  bootstrap-grid.min.css.map
-  bootstrap-reboot.css
-  bootstrap-reboot.css.map
-  bootstrap-reboot.min.css
-  bootstrap-reboot.min.css.map

# Bootstrap CSS

- Second option: embedding in HTML with a CDN-Link

## Bootstrap CDN

The folks over at [jsDelivr](#) graciously provide CDN support for Bootstrap's CSS and JavaScript. Just use these [Bootstrap CDN](#) links.

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/css/bootstrap.min.css"
integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<!-- Optional theme -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/css/bootstrap-theme.min.css"
integrity="sha384-rHyON1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQIXw1/Sp" crossorigin="anonymous">

<!-- Latest compiled and minified JavaScript -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/js/bootstrap.min.js" integrity="sha384-
Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNICPD7Txa" crossorigin="anonymous"></script>
```

# Bootstrap Components

- <https://getbootstrap.com/docs/5.0/components/alerts/>