

Lesson

Thursday

Introduction to Programming

(/introduction-to-programming)

/ Git, HTML and CSS (/introduction-to-programming/git-html-and-css)

/ Introduction to Bootstrap and Front-End Frameworks

Text

Cheat sheet

Terminology

- **Front-End:** The portion of a website or application that is in the browser.
- **Back-End:** Code that serves data or manages a database that cannot be accessed by a user.
- **Framework:** A foundation of pre-built tools, software, code, and other resources we can use to create a project more easily than if we created it from scratch.

Library. A library is a smaller set of pre-defined code that we can download and use in our apps. It is quite similar to a framework, though frameworks are always larger and often comprise multiple libraries and other tooling.

Toolkit. A toolkit is a set of pre-built tools used for a particular purpose. Often, a toolkit is defined as multiple and related libraries, packaged into one. Usually, frameworks are much larger than

toolkits, and a toolkit is larger than a library.

- **Front-End Frameworks:** Pre-built code that assists us in creating an application that runs in the browser.
- **Bootstrap:** One of the most widely-used free front-end frameworks.

Additional Resources

- Expo of Sites Using Bootstrap (<https://expo.getbootstrap.com/>)
- Sites Built with Bootstrap from Awwwards (<https://www.awwwards.com/websites/bootstrap/>)
- Bootstrap's Website (<https://getbootstrap.com/>)

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