5.0 Introduction to Bootstrap

bootstrap-logo.svg

```
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"/>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
```

- This is the Bootstrap CDN. Copy-paste these to your HTML's `<head>` to get access to Bootstrap 5.2, jQuery, and built-in Javascript functions.
- You can import your own stylesheet below the CDN.

- **Bootstrap** is an open source front-end framework for faster and easier responsive web development, mobile-first web sites.

Capabilities of Bootstrap

1. **Responsive Design.** Bootstrap allows you to easily create websites that adapt to various screen sizes.
2. **Typography.** As a framework, Bootstrap allows you to consistently style headings, paragraphs, and text elements.
3. **CSS Components.** Bootstrap features pre-built elements like buttons, forms, cards, and more.
4. **Layout Components.** Bootstrap simplifies the designing of complex layouts with containers, rows, columns, and flex.
5. **Utilities.** Bootstrap allows for quick adjustments using spacing, alignment, and visibility classes.
6. **Compatibility.** Bootstrap ensures consistent behavior across browsers and devices

Getting Bootstrap

- There are two ways to start using Bootstrap on your own web site.
    1. Download Bootstrap from **getbootstrap.com** ⇗ **(https://getbootstrap.com/)**

- If you want to download and host Bootstrap yourself, go to **getbootstrap.com (http://getbootstrap.com/getting-started/)**, and follow the instructions there. Bootstrap does not require installation.
  2. Using a content delivery network.

Bootstrap CDN

- The easiest way to include Bootstrap into your .html document is via a CDN (Content Delivery Network).
- Copy and paste the following lines of code into the `<head>` tag of the .html document.

```
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"/>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
```

Additional Material

- **References**
  - Bootstrap
- **Learn more**
  - **The Bootstrap website ⤷ (https://getbootstrap.com/)**
  - **What Is a Framework in Programming Language ⤷ (https://www.elevenfifty.org/blog/what-is-a-framework-in-programming-language)**
  - **Difference between Bootstrap 4 and Bootstrap 5 ⤷ (https://www.geeksforgeeks.org/difference-between-bootstrap-4-and-bootstrap-5/)**
- **Recommended watch**

3 Reasons Why you should use
Bootstrap