HTML & CSS & Javascript

Javascript & JQuery > In Javascript , we need to write functions

Jquery > Library of javascript functions

#include <string.h> , strcpy, strcmp,strlen

Similarly , if we want to use JQuery, include files

Bootstrap

Bootstrap 4 requires jQuery and popper.js for components like popovers, tooltips, modals, etc. If you only want to use the CSS part from Bootstrap, then you don’t need to install them. We can install bootstrap through two methods: Method 1: MaxCDN

[Bootstrap 5 vs Bootstrap 4 - What's New & What Changed? - Super Dev Resources](https://superdevresources.com/bootstrap5-vs-bootstrap4-whats-new/)

[Popper (v2.×) | Popper](https://popper.js.org/docs/v2/)

Starter Template

[Introduction · Bootstrap (getbootstrap.com)](https://getbootstrap.com/docs/4.3/getting-started/introduction/)

[Introduction · Bootstrap (getbootstrap.com)](https://getbootstrap.com/docs/4.3/getting-started/introduction/)

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

<title>Hello, world!</title>

</head>

<body>

<h1>Hello, world!</h1>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

</body>

</html>

Media Query

<https://www.w3schools.com/cssref/css3_pr_mediaquery.asp>

Responsive Web Design - The Viewport

## What is The Viewport?

The viewport is the user's visible area of a web page.

The viewport varies with the device, and will be smaller on a mobile phone than on a computer screen.

Before tablets and mobile phones, web pages were designed only for computer screens, and it was common for web pages to have a static design and a fixed size.

Then, when we started surfing the internet using tablets and mobile phones, fixed size web pages were too large to fit the viewport. To fix this, browsers on those devices scaled down the entire web page to fit the screen.