

EXP 8

Aim: Installation and testing of Bootstrap

Software Required: VS Code, Bootstrap, jQuery

Theory:

Bootstrap is a free front-end framework for faster and easier web development. Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins. Bootstrap also gives you the ability to easily create responsive designs.

Bootstrap is the most popular CSS Framework for developing responsive and mobile-first websites. It provides a range of pre-designed components such as forms, buttons, navigation menus, modals, and more, that can be easily added to web pages. These components are styled with CSS and JavaScript to make them look good and work correctly on different screen sizes, from small mobile devices to large desktops.

Steps to install Bootstrap with jQuery:

1. Download the latest version of Bootstrap from the official website:
<https://getbootstrap.com/docs/5.1/getting-started/download/>
2. Extract the downloaded files to a folder on the computer.
3. Download the latest version of jQuery from the official website:
<https://jquery.com/download/>
4. Copy the jQuery file into the project folder.
5. Link the Bootstrap CSS file to your HTML file by adding the following code to the head section of the HTML file:
<link rel="stylesheet" href="path/to/bootstrap.min.css">
6. Link the jQuery file and the Bootstrap JavaScript file to the HTML file by adding the following code to the bottom of the body section of the HTML file:

```
<script src="path/to/jquery.min.js"></script>
```

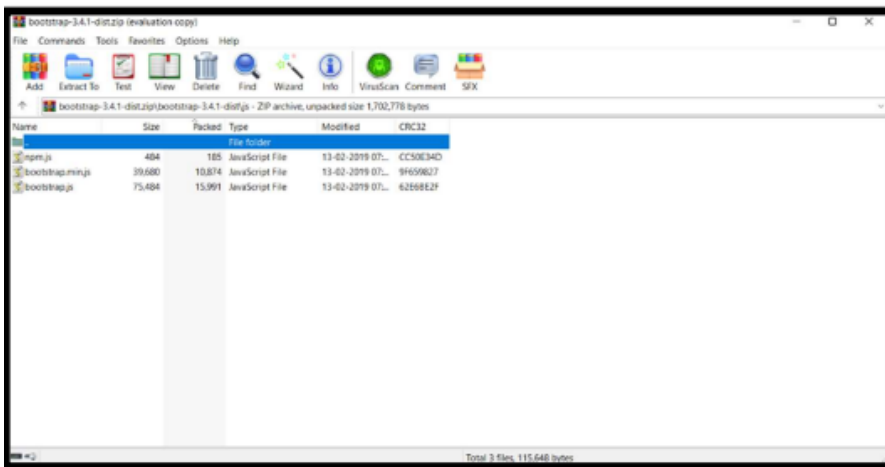
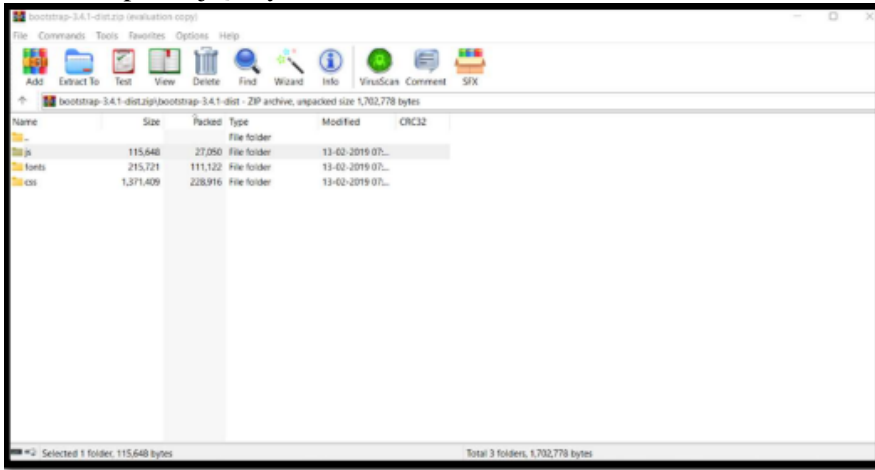
```
<script src="path/to/bootstrap.min.js"></script>
```

7. Then we can start using Bootstrap and jQuery in VScode to create our web application.

Conclusion: Hence Bootstrap was successfully installed and linked with the HTML file.

Output:

Bootstrap and jQuery installation:



jQuery file:

```
file:///C:/Users/ajay9/OneDrive/Desktop/bootstrap/jquery.js

/*!
 * jQuery Migrate - v1.4.1 - 2016-05-19
 * Copyright jQuery Foundation and other contributors
 */
(function( jQuery, window, undefined ) {
// See http://bugs.jquery.com/ticket/13335
// "use strict";

jQuery.migrateVersion = "1.4.1";

var warnedAbout = {};

// List of warnings already given; public read only
jQuery.migrateWarnings = [];

// Set to true to prevent console output; migrateWarnings still maintained
// jQuery.migrateMute = false;

// Show a message on the console so devs know we're active
if ( window.console && window.console.log ) {
    window.console.log( "jQuery Migrate: Migrate is installed" +
        ( jQuery.migrateMute ? "" : " with logging active" ) +
        ", version " + jQuery.migrateVersion );
}

// Set to false to disable traces that appear with warnings
if ( jQuery.migrateTrace === undefined ) {
    jQuery.migrateTrace = true;
}

// Forget any warnings we've already given; public
jQuery.migrateReset = function() {
    warnedAbout = {};
    jQuery.migrateWarnings.length = 0;
};

function migrateWarn( msg ) {
    var console = window.console;
    if ( !warnedAbout[ msg ] ) {
        warnedAbout[ msg ] = true;
        jQuery.migrateWarnings.push( msg );
        if ( console && console.warn && !jQuery.migrateMute ) {
            console.warn( "jQuery Migrate: " + msg );
            if ( jQuery.migrateTrace && console.trace ) {
                console.trace();
            }
        }
    }
}
```

Program:

```
<> 1.html > html > head > ? > body > span.align-middle > div.container > div.card > img.card-img-top
1  <!DOCTYPE html>
2  <html>
3  <head>>Bootstrap Installation</titles>
4
5  <link rel="stylesheet" type="text/css"
6  href="bootstrap.css" >< /head>
7  <body>
8
9  <span class="border border-warning">
10 bootstrap:
11 </span>
12 <span class="align-middle" ><div class="container">
13 <div class="container p-3 my-3 bg-dark text-white">
14 Experinent 8: Installation of Bootstrap
15 </div>
16 <a href="#" class="link-primary">Link 1</a><br>
17 <a href="#" class="link-secondary">Link 2</a><br>
18 <a href="#" class="link-sucess">Link 3</a><br>
19 <a href="#" class="link-danger">Link 4</a><br>
20 <div class="card" style="width: 18rem;">
21   
22   <div class="card-body">
23     <h5 class="card-title">WE=eb Design</h5>
24     <p class="card-text">Click the clickfor follow up</p>
25     <a href="#" class="btn btn-primary">Go somewhere</a>
26   </div>
27 </div>
28 </div>
29 <footer><h1 align="center">Vijay yadav</h1></footer>
30 </span>
31 <h1>
32   <script typr="text/javascript" src="jquery.js"></script>
33   <script typr="text/javascript" src="bootstrap.js"></script>
34
35 </body>
36 </html>
37
38
```

Output: -

Experinent 8: Installation of Bootstrap

[Link 1](#)

[Link 2](#)

[Link 3](#)

[Link 4](#)



WE=eb Design

Click the clickfor follow up

Go somewhere

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