



Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2025-26

Class:	TE	Semester:	V
Course Code:	CSC502	Course Name:	WC

Name of Student:	Mitesh Doulat Pawar
Roll No. :	73
Experiment No.:	03
Title of the Experiment:	Web Development using bootstrap
Date of Performance:	22/07/25
Date of Submission:	29/07/25

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Performance	5	
Understanding	5	
Journal work and timely submission	10	
Total	20	

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Performance	4-5	2-3	1
Understanding	4-5	2-3	1
Journal work and timely submission	8-10	5-8	1-4

Checked by

Name of Faculty : Ms. Kshitija Gharat

Signature :

Date:



Aim - Web Development using bootstrap

Objective -

- 1) To understand Bootstrap
- 2) Understand how to implement different functions of Bootstrap

Requirement -

1. An editor (Visual Studio Code)
2. Browser (Google Chrome)

Theory: Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. Nowadays, the websites are perfect for all the browsers.

Why do we use Bootstrap ?

- It is a Faster and Easier way for Web-Development.
- It creates Platform-independent web-pages.
- It creates Responsive Web-pages.
- It designed responsive web pages for mobile devices too.
- It is Free and open-source framework available on www.getbootstrap.com

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Donation</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
KyZXEAg3QhqLMpG8r+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZ0J3BCsw2P0p/We"
crossorigin="anonymous">
</head>
<body style="background-color: cornflowerblue;">
```



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```
<nav class="navbar navbar-expand-lg navbar-light bg-light" >
<div class="collapse navbar-collapse" id="navbarSupportedContent"
style="background-color: coral;">
<ul class="navbar-nav me-auto mb-2 mb-lg-0">
<li class="nav-item">
<a class="nav-link active" aria-current="page"
href="boot1.html">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="boot2.html">Form</a>
</li>
</ul>
</div>
</nav>

<div class="container">
<div class="row">
<div class="col-xl">
<h1>Vission</h1>
<h6>To be helpful to everyone </h6>
</div>
<div class="col-xl">
<h1>Mission</h1>
<h6>To help more and more people in need</h6>
</div>
<div class="col-xl">
<h1>About us </h1>
<h6>website takes unused clothes from people<br>
And donate it to needful ones</h6>
</div>
</div>
</div>
</div>
</script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"
```



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integrity="sha384-

U1DAWAznBHeqEIlVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"

crossorigin="anonymous"></script>

</body>

</html>

Second Page:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>donations</title>

</head>

<body style="background-color: darksalmon;">

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="collapse navbar-collapse" id="navbarNavDropdown">

<ul class="navbar-nav">

<li class="nav-item">

Home

<li class="nav-item">

<a class="nav-link active" aria-current="page"

href="boot2.html">Form

</nav>

<div class="jumbotron">

<h1 class="display-4">Survey Form!</h1>

<p class="lead">Enter your details so that we can contact you and do the needful

</p>

</div>

<div class="form-container">



```
<form action="/html/next.html" id="form">
<h2>Login</h2>
<div class="container">
<div class="row">
<div class="col">
<div class="form-group">
<input type="text" placeholder="username" />
</div>
</div>
<div class="col">
<div class="form-group">
<input type="email" placeholder="email" />
</div>
</div>
</div>
<div class="container">
<div class="row">
<div class="col">
<div class="form-group">
<input type="text" placeholder="contact-no" />
</div>
</div>
</div>
<input type="submit" value="login" />
</form>
</div>
</body>
</html>
```

Program-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Bootstrap Webpage Example</title>
<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>

<!-- Navbar -->
```



```
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">MyWebsite</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarNav">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav ms-auto">
        <li class="nav-item"><a class="nav-link active" href="#">Home</a></li>
        <li class="nav-item"><a class="nav-link" href="#">About</a></li>
        <li class="nav-item"><a class="nav-link" href="#">Contact</a></li>
      </ul>
    </div>
  </div>
</nav>

<!-- Jumbotron (Hero Section) -->
<div class="bg-light p-5 mb-4 rounded-3 text-center">
  <div class="container py-5">
    <h1 class="display-5 fw-bold">Welcome to My Bootstrap Page</h1>
    <p class="fs-5 text-muted">This simple webpage demonstrates Bootstrap Grid, Forms, Buttons,
Navbar, Breadcrumb, and Jumbotron.</p>
    <button class="btn btn-primary btn-lg">Learn More</button>
  </div>
</div>

<!-- Breadcrumb -->
<nav aria-label="breadcrumb" class="mb-4">
  <ol class="breadcrumb container">
    <li class="breadcrumb-item"><a href="#">Home</a></li>
    <li class="breadcrumb-item"><a href="#">Library</a></li>
    <li class="breadcrumb-item active" aria-current="page">Data</li>
```



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</nav>

<!-- Bootstrap Grid System -->

<div class="container text-center">

<div class="row">

<div class="col-md-4 bg-light p-3 border">Column 1</div>

<div class="col-md-4 bg-secondary text-white p-3 border">Column 2</div>

<div class="col-md-4 bg-light p-3 border">Column 3</div>

</div>

</div>

<!-- Form Section -->

<div class="container mt-5 mb-5">

<h2 class="text-center mb-4">Contact Form</h2>

<form class="mx-auto" style="max-width: 500px;">

<div class="mb-3">

<label for="name" class="form-label">Full Name</label>

<input type="text" class="form-control" id="name" placeholder="Enter your name">

</div>

<div class="mb-3">

<label for="email" class="form-label">Email address</label>

<input type="email" class="form-control" id="email" placeholder="Enter your email">

</div>

<div class="mb-3">

<label for="message" class="form-label">Message</label>

<textarea class="form-control" id="message" rows="3" placeholder="Type your

message"></textarea>

</div>

<button type="submit" class="btn btn-success w-100">Submit</button>

</form>

</div>



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<!-- Footer -->

<footer class="bg-dark text-white text-center p-3">

© 2025 MyWebsite | Designed with Bootstrap

</footer>

<!-- Bootstrap JS -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

OUTPUT-

Welcome to My Bootstrap Page

This simple webpage demonstrates Bootstrap Grid, Forms, Buttons, Navbar, Breadcrumb, and Jumbotron.

[Learn More](#)

[Home](#) / [Library](#) / [Data](#)

Column 1

Column 2

Column 3

Contact Form

Full Name

Enter your name

Email address

Enter your email

Message

Type your message

Submit

Conclusion - Bootstrap is a free front-end framework that is popular among developers, particularly those who work in the web design world. It's easy to use and saves developers a lot of time from having to write HTML, CSS, and JavaScript code manually.