



# Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2025-26

<b>Class:</b>	<b>TE</b>	<b>Semester:</b>	<b>V</b>
<b>Course Code:</b>	<b>CSC502</b>	<b>Course Name:</b>	<b>WC</b>

<b>Name of Student:</b>	<b>Shreya Sandeep Yadav</b>
<b>Roll No. :</b>	<b>80</b>
<b>Experiment No.:</b>	<b>03</b>
<b>Title of the Experiment:</b>	<b>Web Development using bootstrap</b>
<b>Date of Performance:</b>	<b>30/07/25</b>
<b>Date of Submission:</b>	<b>06/08/25</b>

## Evaluation

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

<b>Performance Indicator</b>	<b>Exceed Expectations (EE)</b>	<b>Meet Expectations (ME)</b>	<b>Below Expectations (BE)</b>
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](http://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+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We"
crossorigin="anonymous">
</head>
<body style="background-color: cornflowerblue;">
<nav class="navbar navbar-expand-lg navbar-light bg-light">
```



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<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>

<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"

integrity="sha384-

U1DAWAznBHeqElIVScgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"



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---

crossorigin=&quot;anonymous&quot;&gt;&lt;/script&gt;

&lt;/body&gt;

&lt;/html&gt;

Second Page:

&lt;!DOCTYPE html&gt;

&lt;html lang=&quot;en&quot;&gt;

&lt;head&gt;

&lt;meta charset=&quot;UTF-8&quot;&gt;

&lt;meta http-equiv=&quot;X-UA-Compatible&quot; content=&quot;IE=edge&quot;&gt;

&lt;meta name=&quot;viewport&quot; content=&quot;width=device-width, initial-scale=1.0&quot;&gt;

&lt;title&gt;donations&lt;/title&gt;

&lt;/head&gt;

&lt;body style=&quot;background-color: darksalmon;&quot;&gt;

&lt;nav class=&quot;navbar navbar-expand-lg navbar-light bg-light&quot;&gt;

&lt;div class=&quot;collapse navbar-collapse&quot; id=&quot;navbarNavDropdown&quot;&gt;

&lt;ul class=&quot;navbar-nav&quot;&gt;

&lt;li class=&quot;nav-item&quot;&gt;

&lt;a class=&quot;nav-link &quot; href=&quot;boot1.html&quot;&gt;Home&lt;/a&gt;

&lt;/li&gt;

&lt;li class=&quot;nav-item&quot;&gt;

&lt;a class=&quot;nav-link active&quot; aria-current=&quot;page&quot;

href=&quot;boot2.html&quot;&gt;Form&lt;/a&gt;

&lt;/li&gt;

&lt;/ul&gt;

&lt;/nav&gt;

&lt;div class=&quot;jumbotron&quot;&gt;

&lt;h1 class=&quot;display-4&quot;&gt;Survey Form!&lt;/h1&gt;

&lt;p class=&quot;lead&quot;&gt;Enter your details so that we can contact you and do the needful

&lt;/p&gt;

&lt;/div&gt;

&lt;div class=&quot;form-container&quot;&gt;

&lt;form action=&quot;html/next.html&quot; id=&quot;form&quot;&gt;

&lt;h2&gt;Login&lt;/h2&gt;

&lt;div class=&quot;container&quot;&gt;



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```
<span class="icon"><i class="fas fa-user"></i></span>
<input type="text" placeholder="username" />
<div class="container">
<span class="icon"><i class="fas fa-at"></i></span>
<input type="email" placeholder="email" />
</div>
<div class="container">
<span class="icon"><i class="fas fa-lock"></i></span>
<input type="text" placeholder="contact-no" />
</div>
<input type="submit" value="login" />
</class>
</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>

</ol>

</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>
```

```
<!-- Footer -->
```

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

```
  © 2025 MyWebsite | Designed with Bootstrap
```

```
</footer>
```

```
<!-- Bootstrap JS -->
```



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

### OUTPUT-

**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.