



Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2025-26

Class:	TE	Semester:	V
Course Code:	CSL501	Course Name:	Web Computing and Network Lab

Name of Student:	Shravani Sandeep Raut
Roll No. :	51
Experiment No.:	03
Title of the Experiment:	Perform a bootstrap based form for the validation process.
Date of Performance:	30/07/2025
Date of Submission:	06/08/2025

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
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:



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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;">
```

```
<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>
```



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</div>

</div>

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
U1DAWAznBHeqEIIVSCgzq+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">

Form



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</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">

<i class="fas fa-user"></i>

<input type="text" placeholder="username" />

<div class="container">

<i class="fas fa-at"></i>

<input type="email" placeholder="email" />

</div>

<div class="container">

<i class="fas fa-lock"></i>

<input type="text" placeholder="contact-no" />

</div>

<input type="submit" value="login" />

</class>

</form>

</div>

</body>

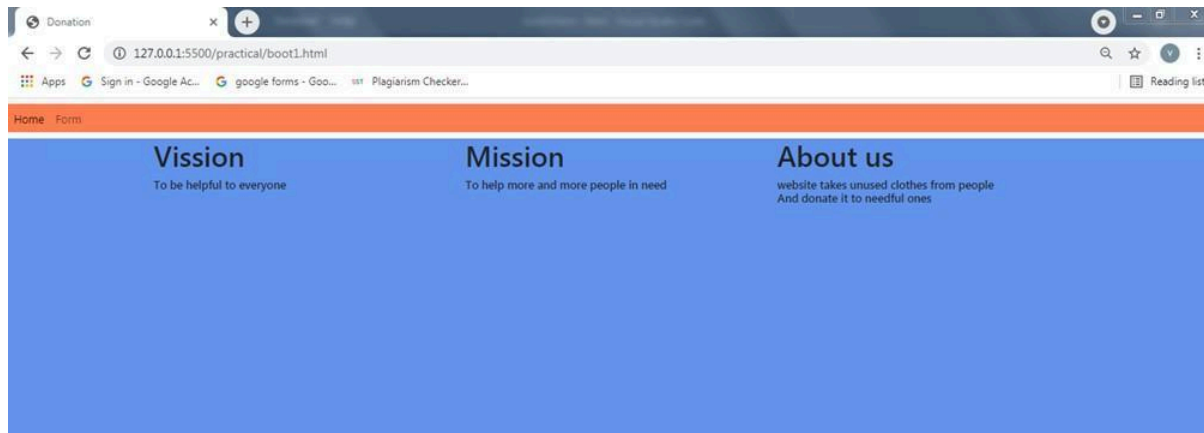
</html>



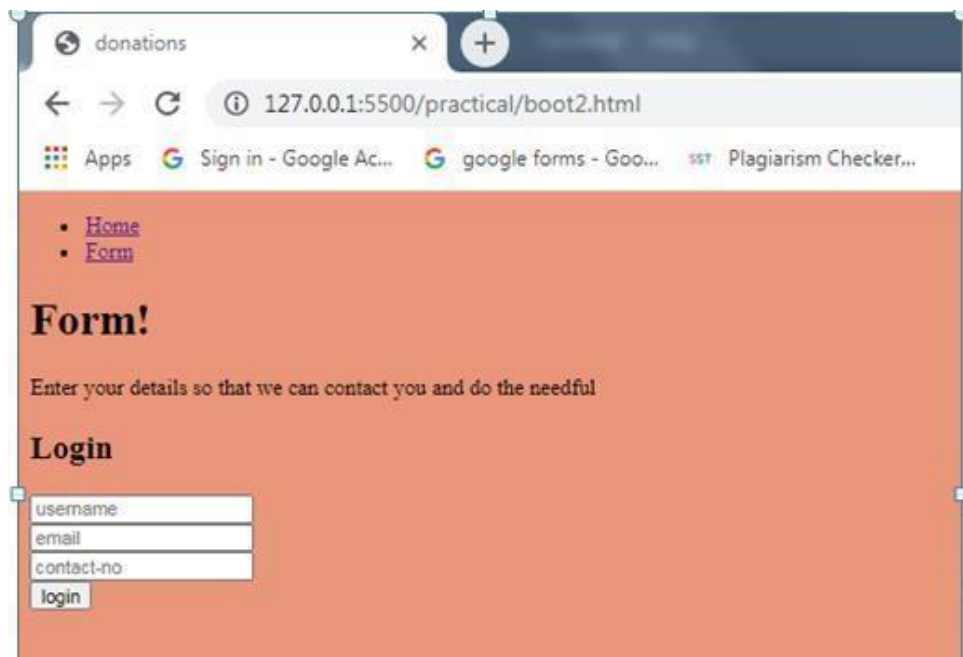
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Output:



Once clicked on the form, we go to another page.



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.