

# Department of Artificial Intelligence & Data Science

Experiment No. 3
Bootstrap: BootstrapGrid system, Forms, Button, Navbar, Breadcrumb, Jumbotron
Name: Pratik Mankar
Roll Number: <b>34</b>
Date of Performance:24/7/25
Date of Submission:31/7/25
Marks:
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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+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We" crossorigin="anonymous">
</head>
<body>
<br/>
<head>
<br/>
<
```



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<div style="back</div 	class="collapse aground-color: coral;">	navbar-collapse"	id="navbarSupportedContent"
<ul><li>ul class='</li></ul>	'navbar-nav me-auto mb-	2 mb-lg-0">	
<li>class="</li>	nav-item">		
<a aria-curre<="" class="i&lt;/td&gt;&lt;td&gt;nav-link active" td=""><td>ent="page" href="boot1</td><td>.html"&gt;Home</td></a>	ent="page" href="boot1	.html">Home	
<li>class="</li>	nav-item">		
<a class="i&lt;/td&gt;&lt;td&gt;nav-link" href="boot2.htr&lt;/td&gt;&lt;td&gt;nl">Form</a>			
<div class="&lt;/td"><td>"container"&gt;</td><td></td><td></td></div>	"container">		
<div< td=""><td>v class="row"&gt;</td><td></td><td></td></div<>	v class="row">		
<div class="&lt;/td"><td>="col-xl"&gt;</td><td></td><td></td></div>	="col-xl">		
<h1>Vissio</h1>	on		
<h6>To be</h6>	helpful to everyone <td>&gt;</td> <td></td>	>	
<div class="&lt;/td"><td>="col-xl"&gt;</td><td></td><td></td></div>	="col-xl">		
<h1> Miss</h1>	ion		
<h6>To he</h6>	elp more and more people	in need	
<div class="&lt;/td"><td>="col-xl"&gt;</td><td></td><td></td></div>	="col-xl">		
<h1>Abou</h1>	t us		
<h6>webs</h6>	ite takes unused clothes fi	rom people br>	
And donate	e it to needful ones		
CSL501: We	eb Computing and Network	Lab	



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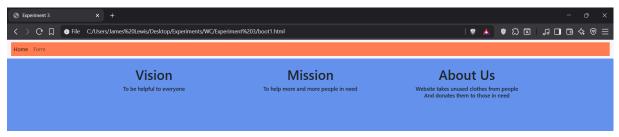
```
</div>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
U1DAWAznBHeqEIIVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"
crossorigin="anonymous"></script>
</body> </html>
Second Page:
<!DOCTYPE html>
<html lang="en">
<head>
      <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">
<a class="nav-link " href="boot1.html">Home</a>
<a class="nav-link active" aria-current="page" href="boot2.html">Form</a> 
CSL501: Web Computing and Network Lab
```

```
</nav>
<div class="jumbotron">
<h1 class="display-4">Survey Form!</h1>
Enter your details so that we can contact you and do the needful 
</div>
<div class="form-container">
<form action="html/next.html" id="form">
<h2>Login</h2>
<class class="container">
<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>
```

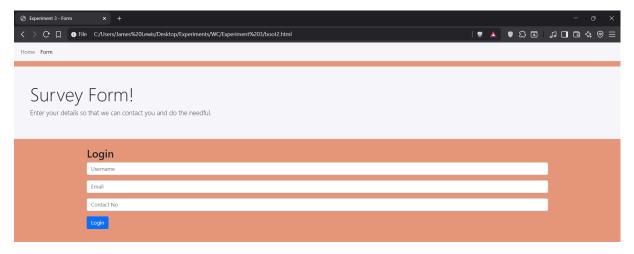


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### Output:



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.