



Experiment 3

Aim: Web Development using bootstrap

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:

Home:

```
<!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" >

  <style>

    body {

      background-color: lightblue;

    }

  </style>
```



</style>

</head>

<body>

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

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

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

Home

<li class="nav-item">

Form

</div>

</nav>

<div class="container">

<div class="row">

<div class="col-xl">

<h1>Vision</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>This website takes unused clothes from people and donates 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"
  crossorigin="anonymous"></script>
```

```
</body>
```

```
</html>
```

Form:

```
<!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>
```

```
<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" >
```

```
<style>
```

```
body {
```

```
background-color: darksalmon;
```

```
}
```

```
nav {
```

```
background-color: #ffffff;
```

```
}
```

```
h1, p {
```

```
color: #000000;
```

```
}
```

```
form {
```

```
background-color: cyan;
```

```
padding: 20px;
```

```
margin-top: 20px;
```



```
}  
  
input {  
width: 100%;  
padding: 10px;  
margin-bottom: 10px;  
border: 1px solid #ccc;  
}  
  
input[type="submit"] {  
background-color: #000000;  
color: #ffffff;  
padding: 10px;  
border: 1px solid #000000;  
}
```

</style>

</head>

<body>

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

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

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

Home

<li class="nav-item">

Form

</div>

</nav>

<div class="container">

<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>

<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">

</form>

</div>

</div>

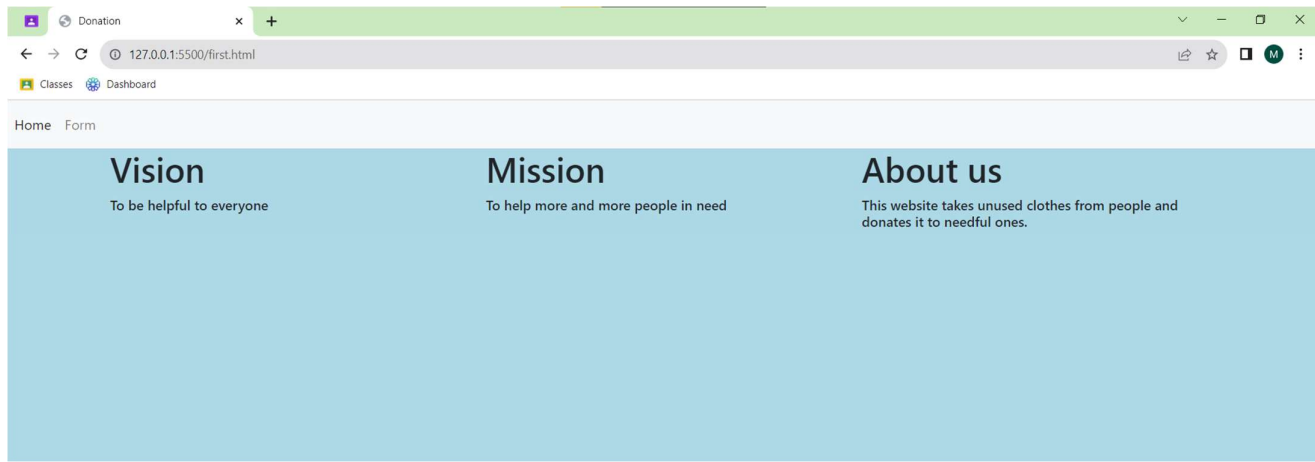
</body>

</html>

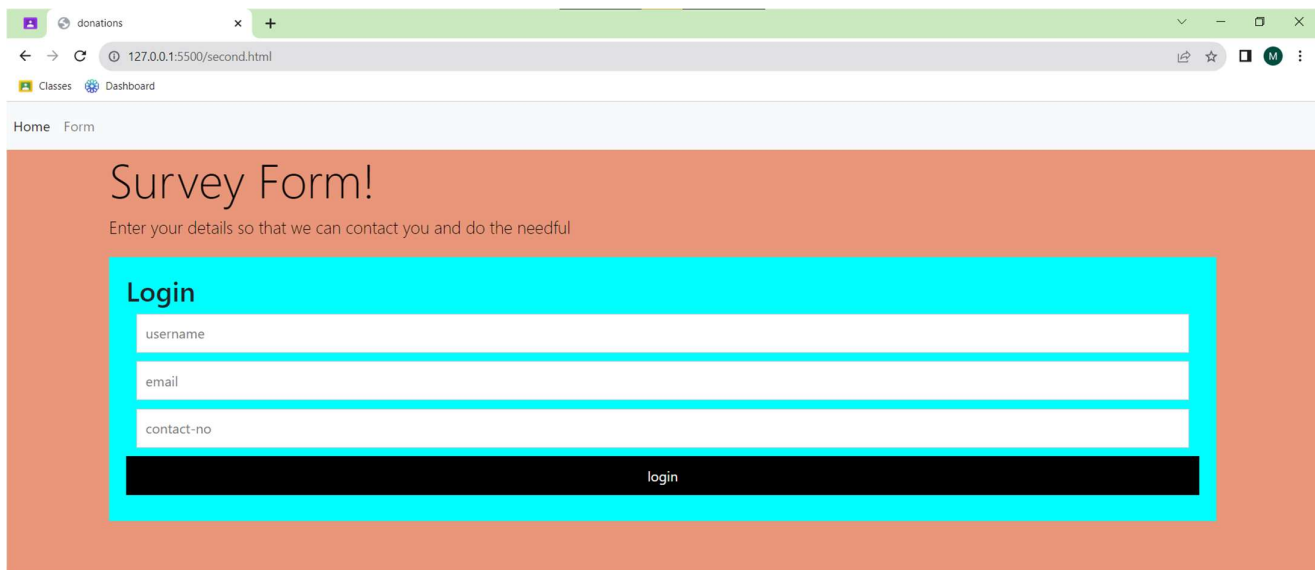


Output:

Home:



Form:



Conclusion: Developers frequently use Bootstrap, a free front-end framework, especially those in the web design industry. It is simple to use and saves developers a ton of time by eliminating the need to manually write HTML, CSS, and JavaScript code.