Experiment No.3	
Perform a bootstrap based form for the validation process.	
Date of Performance:	
Date of Submission:	
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Roll No.01	

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+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We"
      crossorigin="anonymous" >
    <style>
    body {
     background-color: lightblue;
     }
```

```html
    </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">
            <a class="nav-link active" aria-current="page" href="first.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="second.html">Form</a>
          </li>
        </ul>
      </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>
```

```html
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
        U1DAWAznBHeqEIlVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"
        crossorigin="anonymous"></script>

    </body>
</html>
```

Form:

```html
<!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+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We"

        crossorigin="anonymous" >

    <style>

      body {

      background-color: darksalmon;

      }

      nav {

      background-color: #ffffff;

      }

      h1, p {

      color: #000000;

      }

      form {

      background-color: cyan;

      padding: 20px;
```

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```
        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">

                    <a class="nav-link active" aria-current="page" href="first.html">Home</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="second.html">Form</a>

                </li>

            </ul>

        </div>

    </nav>

    <div class="container">
```

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```
<div class="jumbotron">
```

```html
    <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">
        <span class="icon">
          <i class="fas fa-user"></i>
        </span>
        <input type="text" placeholder="username">
      </div>
      <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">
    </form>
  </div>
  </div>
</body>
```
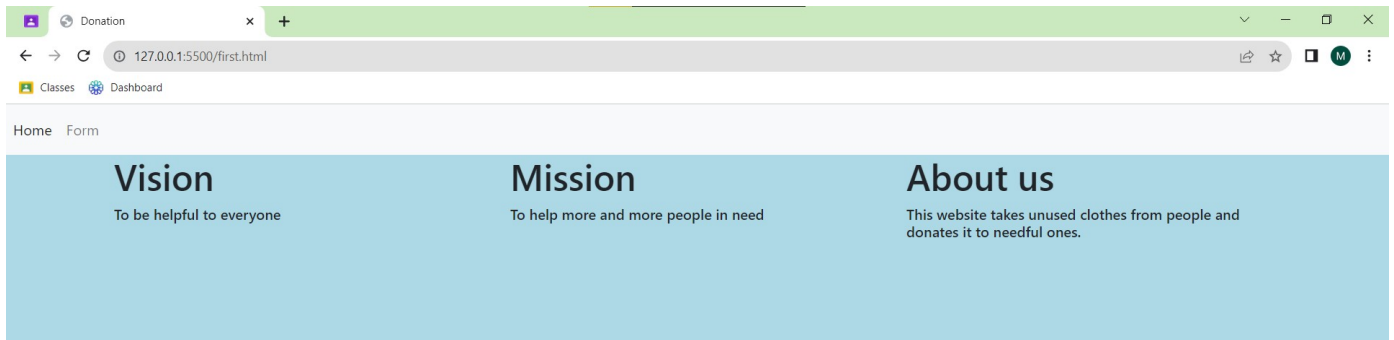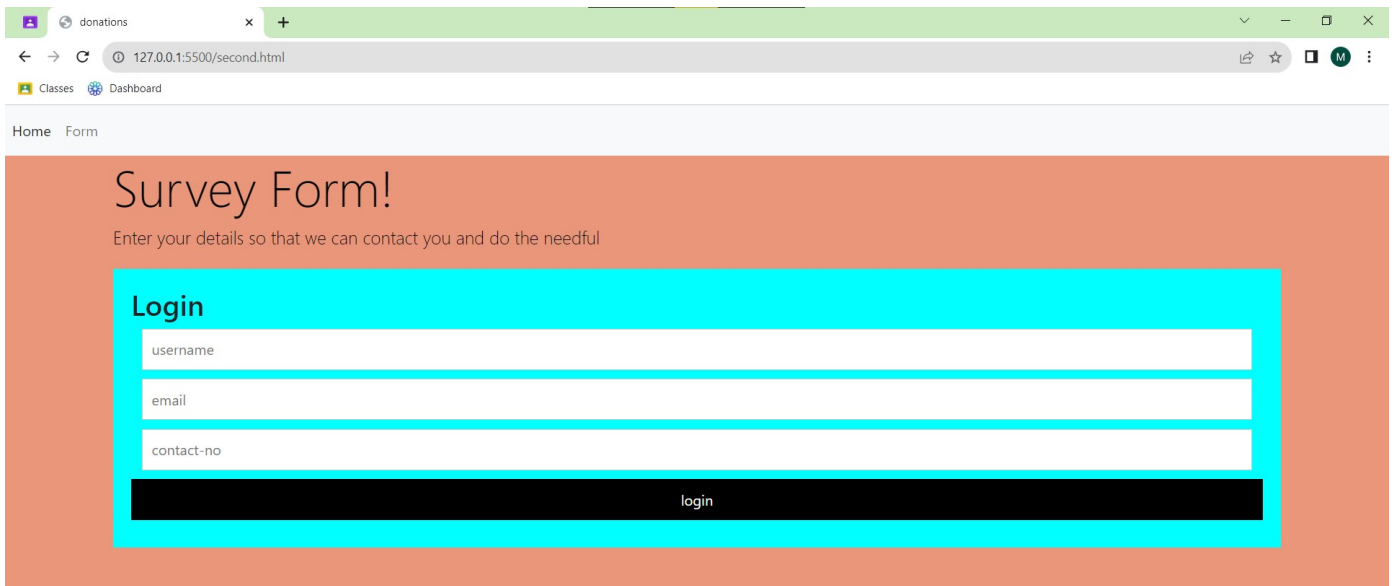
</html>

Output:

Home:

Form:

Conclusion:

Bootstrap forms have had a profound impact on modern web development, offering a blend of consistency, responsiveness, accessibility, customization, and efficiency. By providing a robust set of pre-styled form components, Bootstrap simplifies the process of creating user-friendly and visually appealing forms. Its inherent responsiveness ensures that forms are accessible on all devices, while its emphasis on accessibility promotes inclusive design practices. The customization options and extensive community support further enhance its utility, making Bootstrap forms an indispensable tool for developers aiming to build high-quality web applications efficiently.