

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:

CSL501: Web Computing and Network Lab



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Vidyavardhini's College of Engineering and Technology Department of Artificial Intelligence & Data Science

```
</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">
         cli class="nav-item">
           <a class="nav-link active" aria-current="page" href="first.html">Home</a>
         class="nav-item">
           <a class="nav-link" href="second.html">Form</a>
         </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"</pre>
      integrity="sha384-
      U1DAWAznBHeqEIIVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvi"
      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>
    k 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;
      margin-top: 20px;
```



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```
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">
          <a class="nav-link active" aria-current="page" href="first.html">Home</a>
          <a class="nav-link" href="second.html">Form</a>
          </div>
    </nav>
    <div class="container">
      <div class="jumbotron">
        <h1 class="display-4">Survey Form!</h1>
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```

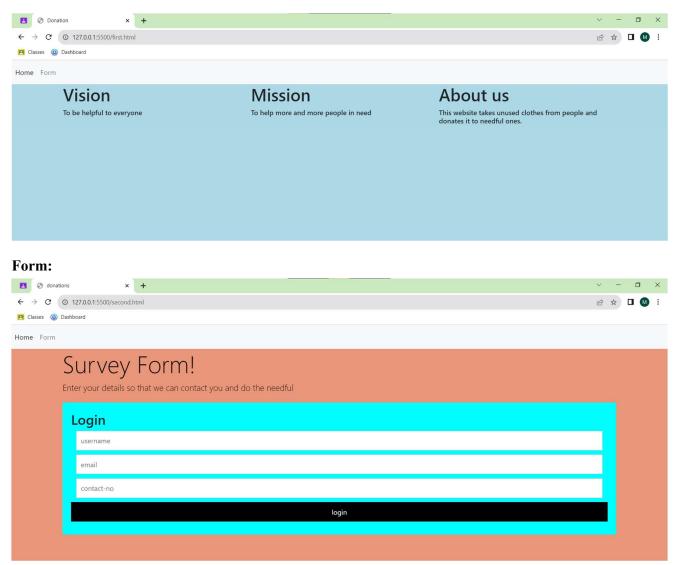


```
Enter your details so that we can contact you and do the needful
         </div>
       <div class="form-container">
         <form action="html/next.html" id="form">
           <h2>Login</h2>
           <div class="container">
             <span class="icon">
                <i class="fas fa-user"></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>
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```



Output:

Home:



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.