**Name - Gaurang A Raorane Roll No - 49**

**Class - D15A Batch - C**

**EXPERIMENT NO - 9**

**Aim:-** Experiment to study basics of Bootstrap.

**Theory:-**

* Introduction to Bootstrap:
  + Bootstrap is a front-end framework developed by Twitter that provides a collection of HTML, CSS, and JavaScript components for building responsive and visually appealing web applications.
* Grid System:
  + Bootstrap's grid system is the foundation of responsive web design.
  + It consists of a 12-column grid that allows you to create flexible and responsive layouts.
  + Understand how to use grid classes to organize content in rows and columns.
* Typography:
  + Bootstrap offers a set of typography styles for headings, paragraphs, and text elements.
  + Learn how to use typography classes to format text content.
* Responsive Design:
  + Bootstrap is known for its responsive design features.
  + Explore how to make your website adapt to different screen sizes using Bootstrap's responsive classes and utilities.
* Navigation Components:
  + Bootstrap provides components like navigation bars, navigation menus, and breadcrumbs.
  + Study how to create responsive and attractive navigation menus.
* Forms and Input Components:
  + Bootstrap includes styles for forms, form controls, and input groups.
  + Learn how to enhance the user experience with Bootstrap's form components.
* Buttons and Alerts:
  + Bootstrap offers styles for buttons and alert messages.
  + Understand how to create interactive buttons and display informative alerts.
* Modals and Popovers:
  + Explore Bootstrap's modal and popover components for creating dynamic and interactive content.
* Images and Cards:
  + Bootstrap allows you to style images and create cards for presenting content.
  + Study how to use these components for displaying media and information.
* Customization:
  + Bootstrap can be customized to match your design requirements.
  + Learn how to customize Bootstrap by modifying variables and utilizing the custom CSS option.
* Integration with JavaScript:
  + Bootstrap components often include JavaScript functionality.
  + Discover how to use Bootstrap's JavaScript plugins for things like carousels, tooltips, and dropdowns.

**Input:-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

</head>

<body>

<nav aria-label="breadcrumb">

<ol class="breadcrumb p-3 bg-body-tertiary rounded-3">

<li class="breadcrumb-item"><a href="#">Home</a></li>

<li class="breadcrumb-item"><a href="#">Library</a></li>

<li class="breadcrumb-item active" aria-current="page">Data</li>

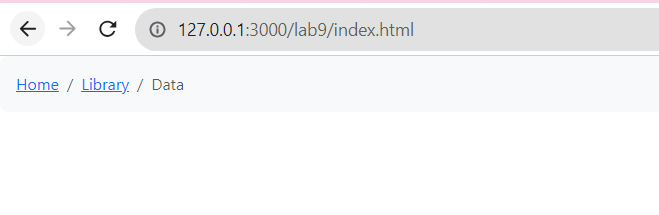
</ol>

</nav>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

</body>

</html>

**Output:-   
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