

# Full Stack Development

Week 5:

AIM: Write a Program on Bootstrap NavBar

Description:

## NavBar

### a) Bootstrap Navigation Bar

A navigation bar is like a navigation header that is placed at the top of the page. You can collapse or extend it according to the screen size.

You can create a standard navigation bar at the top of the page with with **<nav class="navbar navbar-default">**.

Example:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Case</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="bootstrap-3.3.6/css/bootstrap.min.css">
</head>
<body>

<nav class="navbar navbar-default">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">WebSiteName</a>
    </div>
    <ul class="nav navbar-nav">
      <li class="active"><a href="#">Home</a></li>
      <li><a href="#">Page 1</a></li>
      <li><a href="#">Page 2</a></li>
      <li><a href="#">Page 3</a></li>
    </ul>
  </div>
</nav>

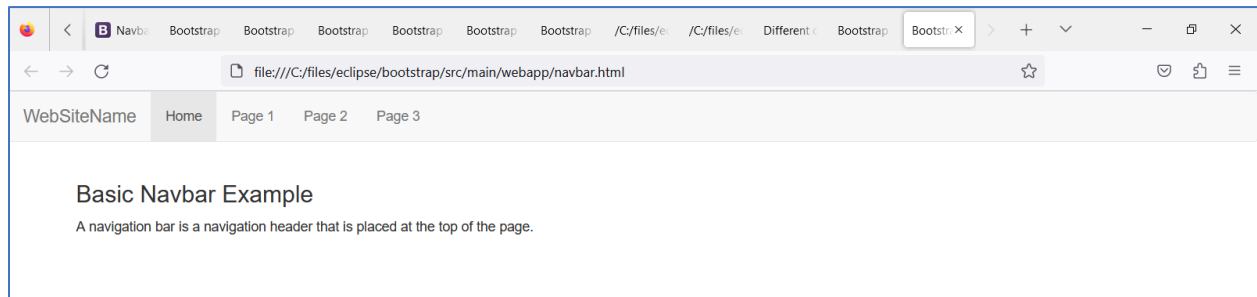
<div class="container">
  <h3>Basic Navbar Example</h3>
  <p>A navigation bar is a navigation header that is placed at the top of the page.</p>
```

```

</div>
<script src="js/jquery.min.js"></script>
<script src="js/js/bootstrap.min.js"></script>
</body>
</html>

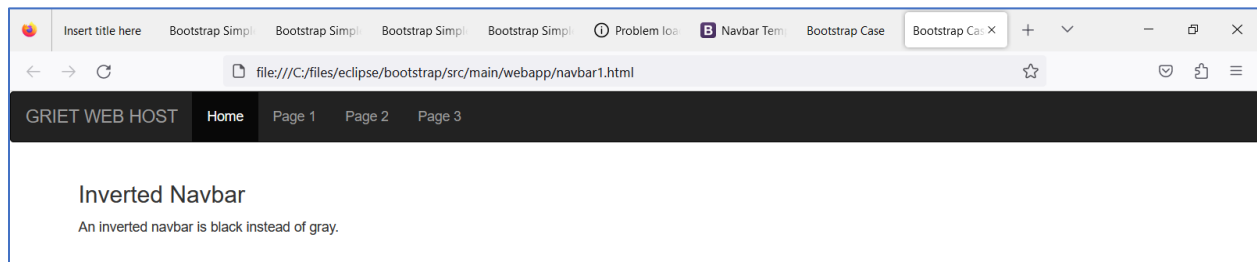
```

Output:



## b) Bootstrap Inverted Navigation Bar

Inverted navigation bar provides an alternative black navbar. It can be used to style the default navigation bar by changing **.navbar-default class** into **.navbar-inverse class**.



## c) Bootstrap Navigation Bar with Dropdown

You can also add dropdown menu with navigation bars. The following example adds a dropdown menu for the "page 1" button.

Example: `<!DOCTYPE html>`

```

<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="bootstrap-3.3.6/css/bootstrap.min.css">

</head>
<body>

```

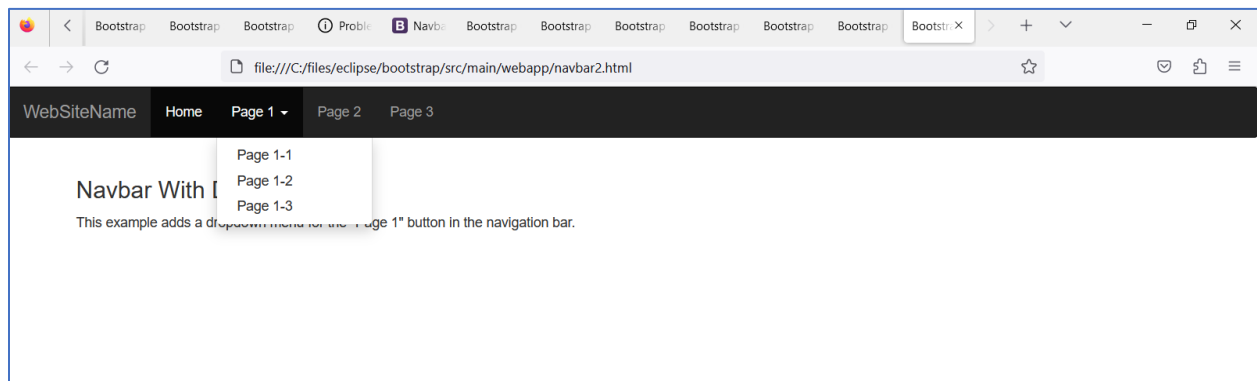
```

<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">WebSiteName</a>
    </div>
    <ul class="nav navbar-nav">
      <li class="active"><a href="#">Home</a></li>
      <li class="dropdown"><a class="dropdown-toggle"
class="caret"></span></a>
        <ul class="dropdown-menu">
          <li><a href="#">Page 1-1</a></li>
          <li><a href="#">Page 1-2</a></li>
          <li><a href="#">Page 1-3</a></li>
        </ul></li>
      <li><a href="#">Page 2</a></li>
      <li><a href="#">Page 3</a></li>
    </ul>
  </div>
</nav>

<div class="container">
  <h3>Navbar With Dropdown</h3>
  <p>This example adds a dropdown menu for the "Page 1" button in
the navigation bar.</p>
</div>
<script src="jQuery/jquery.min.js"></script>
<script src="bootstrap-3.3.6/js/bootstrap.min.js"></script>
</body>
</html>

```

Output:



#### d) Bootstrap Right-Aligned Navigation Bar

Use the **.navbar-right** class to right-align navigation bar buttons. In the following example, we add "Sign Up" and "Log in" button to the right in the navigation bar.

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <title>Bootstrap Case</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="bootstrap-3.3.6/css/bootstrap.min.css">

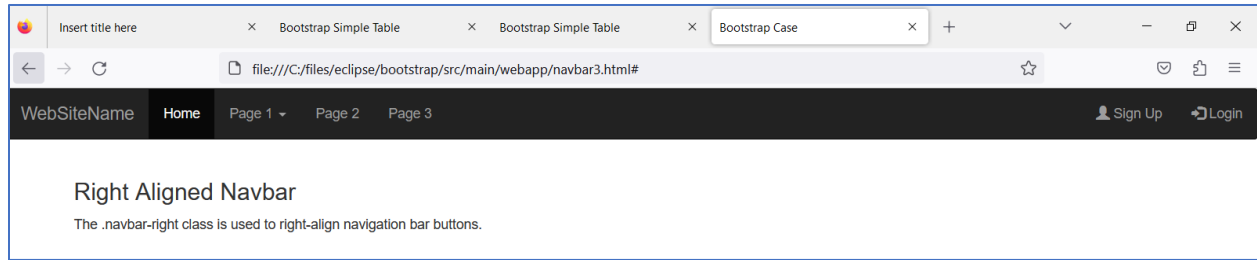
</head>
<body>

<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">WebSiteName</a>
    </div>
    <ul class="nav navbar-nav">
      <li class="active"><a href="#">Home</a></li>
      <li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1 <span
class="caret"></span></a>
        <ul class="dropdown-menu">
          <li><a href="#">Page 1-1</a></li>
          <li><a href="#">Page 1-2</a></li>
          <li><a href="#">Page 1-3</a></li>
        </ul>
      </li>
      <li><a href="#">Page 2</a></li>
      <li><a href="#">Page 3</a></li>
    </ul>
    <ul class="nav navbar-nav navbar-right">
      <li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>
      <li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>
    </ul>
  </div>
</nav>

<div class="container">
  <h3>Right Aligned Navbar</h3>
  <p>The .navbar-right class is used to right-align navigation bar buttons.</p>
</div>
<script src="jQuery/jquery.min.js"></script>
<script src="bootstrap-3.3.6/js/bootstrap.min.js"></script>
</body>
</html>

```

Output



**Result:** Thus, in the above programs successfully executed without errors  
Using bootstrap with Navbar in eclipse editor.