D15B/37 Mikil Lalwani IP Lab 7

Aim -

Experiment to study the basics of Bootstrap.

Theory-

Bootstrap is a free, open-source front-end development framework for the creation of websites and web apps. Designed to enable responsive development of mobile-first websites, Bootstrap provides a collection of syntax for template designs.

Grid-

Bootstrap's grid system is responsive, and the columns will re-arrange depending on the screen size: On a big screen it might look better with the content organized in three columns, but on a small screen it would be better if the content items were stacked on top of each other.

Grid Classes

The Bootstrap grid system has four classes:

xs (for phones - screens less than 768px wide)

sm (for tablets - screens equal to or greater than 768px wide)

md (for small laptops - screens equal to or greater than 992px wide)

lg (for laptops and desktops - screens equal to or greater than 1200px wide)

The classes above can be combined to create more dynamic and flexible layouts.

Typography-

Bootstrap's global default font size is 14px, with a line height of 1.428.

This is applied to the <body> element and all paragraphs ().

In addition, all elements have a bottom margin that equals half their computed line-height (10px by default).

Popover-

The Popover plugin is similar to tooltips; it is a pop-up box that appears when the user clicks on an element. The difference is that the popover can contain much more content.

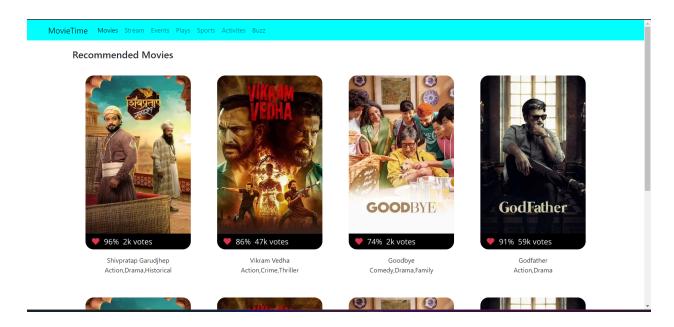
Code-

```
<body>
  <nav class="navbar navbar-expand-lg" style="padding: 5px 40px 5px 40px;</pre>
background-color:aqua;">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">MovieTime</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarNavDropdown"
        aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavDropdown">
        ul class="navbar-nav">
           <a class="nav-link active" aria-current="page"</pre>
href="#">Movies</a> 
          <a class="nav-link" href="#">Stream</a>
          class="nav-item"><a class="nav-link" href="#">Events</a>
          <a class="nav-link" href="#">Plays</a> 
          <a class="nav-link" href="#">Sports</a> 
          <a class="nav-link" href="#">Activites</a>
          class="nav-item"><a class="nav-link" href="#">Buzz</a>
        </div>
    </div>
  </nav>
  <div class="container" style="margin-top: 20px;">
```

```
<h4>Recommended Movies</h4>
    <div class="posters">
      <div class="container text-center">
         <div class="row" style="padding: 10px 0px 10px 0px;">
           <div class="col-md-3" style="padding: 20px 0px 0px 0px;">
src="https://assets-in.bmscdn.com/discovery-catalog/events/tr:w-400,h-600,bg-CCCCCC:w-400.
0,h-660.0,cm-pad resize,bg-000000,fo-top:oi-discovery-catalog@@icons@@heart 2020063004
00.png,ox-24,oy-617,ow-29:ote-OTYIICAyayB2b3Rlcw%3D%3D,ots-29,otc-FFFFFF,oy-612,ox
-70:q-80/et00336339-pgamkwuvva-portrait.jpg"
               alt="Image" style="width: 80%; border-radius: 20px;">
             <div style="padding: 15px 0px 0px 0px;">
               Shivpratap Garudjhep <br/>br> Action,Drama,Historical
             </div>
           </div>
           <div class="col-sm-3" style="padding: 20px 0px 0px 0px;">
             <img
src="https://assets-in.bmscdn.com/discovery-catalog/events/tr:w-400,h-600,bg-CCCCCC:w-400.
0,h-660.0,cm-pad resize,bg-000000,fo-top:oi-discovery-catalog@@icons@@heart 2020063004
00.png,ox-24,oy-617,ow-29:ote-ODYIICA0N2sgdm90ZXM%3D,ots-29,otc-FFFFFF,oy-612,ox-
70:q-80/et00319143-egauxbljnf-portrait.jpg"
               alt="Vikram Vedha" style="width: 80%; border-radius: 20px;">
             <div style="padding: 15px 0px 0px 0px;">
               Vikram Vedha<br/>br>Action,Crime,Thriller
             </div>
           </div>
           <div class="col-sm-3" style="padding: 20px 0px 0px 0px;">
```

```
<img
src="https://assets-in.bmscdn.com/discovery-catalog/events/tr:w-400,h-600,bg-CCCCCC:w-400.
0,h-660.0,cm-pad resize,bg-000000,fo-top:oi-discovery-catalog@@icons@@heart 2020063004
00.png,ox-24,oy-617,ow-29:ote-NzQIICAyayB2b3Rlcw%3D%3D,ots-29,otc-FFFFFF,oy-612,ox
-70:q-80/et00335128-vyujcnpqvr-portrait.jpg"
               alt="" style="width: 80%; border-radius:20px">
             <div style="padding: 15px 0px 0px 0px;">
               Goodbye<br/>Comedy,Drama,Family
             </div>
           </div>
           <div class="col-sm-3" style="padding: 20px 0px 0px 0px;">
src="https://assets-in.bmscdn.com/discovery-catalog/events/tr:w-400,h-600,bg-CCCCCC:w-400.
0,h-660.0,cm-pad resize,bg-000000,fo-top:oi-discovery-catalog@@icons@@heart 2020063004
00.png,ox-24,oy-617,ow-29:ote-OTEIICA1OWsgdm90ZXM%3D,ots-29,otc-FFFFFF,oy-612,ox
-70:q-80/et00325579-gnfcpggxrl-portrait.jpg"
               alt="" style="width: 80%; border-radius:20px">
             <div style="padding: 15px 0px 0px 0px;">
               Godfather<br/>br>Action,Drama
             </div>
           </div>
         </div>
      </div>
    </div>
  </div>
</body>
</html>
```

Screenshots-



Conclusion-

We have successfully completed the experiment.