```
npm init -> description: static -> y ->
create index.js file -> npm i express --save
->
const express = require('express');
const app = express(); -> create a public folder ->
create index.html file ->
<!doctype html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6J
Xm"
    crossorigin="anonymous">
  <link rel="stylesheet" href="assets/css/vendors/icons.css">
  <link rel="stylesheet" href="index.css">
  <title>Static Website</title>
</head>

<body>
  <header>
    <div class="logo">
      <img src="logo.svg">
    </div>
    <div class="login-info">
      <div class="welcome"><span class="welcome-span">Welcome</span><span
class="name">NAYANA S</span></div>
      <span class="logout-line"></span>
      <div class="logout">
        <i aria-hidden="true" class="icon-logout"></i> <span>LOGOUT</span>
      </div>
    </div>
  </header>
  <div class="container-fluid">
    <div class="side-menu">
      <ul class="list-group">
        <li class="list-group-item"><i aria-hidden="true" class="icon-icon"></i>
<span>DASHBOARD</span></li>
        <li class="list-group-item"><i aria-hidden="true"
class="icon-avatar"></i> <span>MY ACCOUNT</span></li>
        <li class="list-group-item"><i aria-hidden="true"
class="icon-settings"></i> <span>SETTINGS</span></li>
      </ul>
    </div>
    <div class="dashboard-container">
      <div class="action-container">
        <span>DASHBOARD</span>
```

```html
    <div class="btn-container">
      <button type="button" class="btn btn-primary">Sign In</button>
      <a href='registration.html'>
        <button class="btn btn-primary">
            Register
        </button>
      </a>
    </div>
  </div>
</div>
<div class="table-container">
  <div class="row">
    <div class="col-sm-6 col-md-6 col-lg-3">
      <div class="blue card">
        <i aria-hidden="true" class="icon-piggy-bank"></i>
        <div class="summary-container">
          <span class="percentage">28%</span>
          <span class="summary">SUMMARY</span>
        </div>
      </div>
    </div>
    <div class="col-sm-6 col-md-6 col-lg-3">
      <div class="violet card">
        <i aria-hidden="true" class="icon-analytics"></i>
        <div class="summary-container">
          <span class="percentage">54%</span>
          <span class="summary">SUMMARY</span>
        </div>
      </div>
    </div>
    <div class="col-sm-6 col-md-6 col-lg-3">
      <div class="purple card">
        <i aria-hidden="true" class="icon-team"></i>
        <div class="summary-container">
          <span class="percentage">76%</span>
          <span class="summary">SUMMARY</span>
        </div>
      </div>
    </div>
    <div class="col-sm-6 col-md-6 col-lg-3">
      <div class="pink card">
        <i aria-hidden="true" class="icon-money"></i>
        <div class="summary-container">
          <span class="percentage">37%</span>
          <span class="summary">SUMMARY</span>
        </div>
      </div>
    </div>
  </div>

  <div class="row">
    <div class="col">
      <div class="table-div">
        <table class="table">
          <thead>
```

```html
          <tr>
            <th>#</th>
            <th>First</th>
            <th>Last</th>
            <th>Handle</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>1</td>
            <td>Mark</td>
            <td>Otto</td>
            <td>@mdo</td>
          </tr>
          <tr>
            <td>2</td>
            <td>Jacob</td>
            <td>Thornton</td>
            <td>@fat</td>
          </tr>
          <tr>
            <td>3</td>
            <td>Larry</td>
            <td>the Bird</td>
            <td>@twitter</td>
          </tr>
        </tbody>
      </table>
    </div>
  </div>
  <div class="col">
    <div class="table-div">
      <table class="table">
        <thead>
          <tr>
            <th>#</th>
            <th>First</th>
            <th>Last</th>
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          </tr>
          <tr>
            <td>2</td>
            <td>Jacob</td>
            <td>Thornton</td>
            <td>@fat</td>
          </tr>
```

```html
                        <tr>
                          <td>3</td>
                          <td>Larry</td>
                          <td>the Bird</td>
                          <td>@twitter</td>
                        </tr>
                      </tbody>
                    </table>
                  </div>
                </div>
              </div>
            </div>
          </div>
          <footer></footer>

          <!-- Optional JavaScript -->
          <!-- jQuery first, then Popper.js, then Bootstrap JS -->
          <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5K
kN"
            crossorigin="anonymous"></script>
          <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b
4Q"
            crossorigin="anonymous"></script>
          <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCm
Yl"
            crossorigin="anonymous"></script>
</body>

</html>

----add css----
header {
    width: 100%;
    height: 70px;
    background-image: linear-gradient(to right, #082456 , #1044AA);
    display: flex;
    flex-direction: row;
    justify-content: space-between;
}
header .logo img{
    height: 60%;
    margin-top: 14px;
    margin-left: 20px;
}
header .login-info
{
    color: #E8E8E8;
    display: flex;
```

```css
        flex-direction: row;
        justify-content: space-between;
        align-items: center;
        padding-right: 40px;
        min-width: 25%;
}
header .login-info .logout-line{
        border-left: 1px solid #8CA0CD;
        height: 100%;
}
header .login-info .welcome .welcome-span{
        color: #8CA0CD;
        font-weight: 500;
        font-size: 14px;
        margin-right: 6px;
}
header .login-info .welcome .name{
        font-weight: 700;
        font-size: 16px;
}
header .login-info .logout{
        display: flex;
        justify-content: space-between;
        align-items: center;
        flex-direction: row;
        font-size: 12px;
}
header .login-info .logout i{
        font-size: 28px;
        color: #8CA0CD;
        margin-right: 25px;
}
.container-fluid{
height: 700px;
padding: 0px;
display: flex;
}
.container-fluid .side-menu{
        width: 270px;
        height: 100%;
}
.container-fluid .side-menu .list-group .list-group-item
{
        display: flex;
        align-items: center;
        flex-direction: row;
}
.container-fluid .side-menu .list-group .list-group-item i{
        font-size: 28px;
        color: #c8c0c0;
}
.container-fluid .side-menu .list-group .list-group-item span{
        color: #909090;
        font-weight: 700;
```

```css
    font-size: 13px;
    padding-left: 15px
}

.container-fluid .dashboard-container{
    width: calc(100% - 250px);
    height: 100%;
}
.container-fluid .dashboard-container .action-container{
    height: 70px;
    background-color: #F7F7F7;
    padding-right: 35px;
    padding-left: 35px;
    display: flex;
    flex-direction: row;
    justify-content: space-between;
    align-items: center;
}
.container-fluid .dashboard-container .action-container span{
    font-weight: bold;
    color: #1D3057;
    font-size: 18px;
}
.container-fluid .dashboard-container .action-container .btn-container button
{
    background-color: #0F43A9;
    font-size: 15px;
    padding: 8px 25px 8px 25px;
    font-weight: 600;
    color:#E8E8E8;
}
.container-fluid .dashboard-container .table-container{
    background-color: #E7E7E7;
    height: calc(100% - 70px);
    padding-right: 35px;
    padding-left: 35px;
    padding-top: 30px;
}
.container-fluid .dashboard-container .table-container .card{
    height: 150px;
    padding: 20px;
    flex-direction: row;
    justify-content: space-between;
    color: #fff;
    border: none;
    line-height: 1;
}
.container-fluid .dashboard-container .table-container .card i{
    font-size: 7vw;
}
.container-fluid .dashboard-container .table-container .card .summary-container{
    display: flex;
    flex-direction: column;
    align-self: flex-end;
```

```css
}
.container-fluid .dashboard-container .table-container .card .summary-container
.percentage{
    font-size: 3vw;
    font-weight: bold;
}
/* .container-fluid .dashboard-container .table-container .card
.summary-container .summary{

} */
.blue{
    background-color: #3783D7;
}
.violet{
    background-color: #7E58BD;
}
.purple{
background-color: #D988D4;
}

.pink{
background-color: #DE5383;
}
.container-fluid .dashboard-container .table-container .row .table-div{
    padding: 20px;
    background-color: #fff;
    border-radius: 10px;
    margin-top: 30px;
    height: auto;
}
```

----add 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>Registration Form</title>
</head>

<body>
    <form action="">

        <h1>Registration Form</h1>

        <p>Required Fields are followed by *</p>
        <h2>Contact Information</h2>
        <p>Name: * <input type="text" name="name" required></p>
        <fieldset>
        <legend>Gender *</legend>
        <p>
            Male <input type="radio" name="gender" id="Male" required>
```

```html
            Female <input type="radio" name="gender" id="Female" required>
        </p>
        </fieldset>
        <p>Address: <textarea name="address" id="address" cols="90"
rows="8"></textarea></p>
        <p>Email: * <input type="email" name="email" id="email" required></p>
        <p>Pincode: * <input type="number" name="pincode" id="pincode"
required></p>
    </form>
</body>
</html>
```
-> in index.js write ->
```js
app.use(express.static('public'));

app.listen(3000, () => {
    console.log('Application is started');
```
}) -> go to terminal -> node index.js -> go to browser write localhost:3000