Problem Statement:

Mr. Arun Student of Presidency University wants to create an attractive web page for Presidency University using HTML and CSS with following specifications.

- Split the web page into two parts using frames, top section 20% and bottom section 80%.
- Place your college logo at the top of the page with menu's (About, Academic, Admission, Facilities, etc). Create hyperlink for all menus.
- Create a web page about the college linked at the bottom of the frame.
- Create a web page about the Academic linked at the bottom of the frame.
- Create a web page about the admission, list out the departments, click any deportment name that connects to the registration page and apply the position concept in CSS.
- Create a web page about the Facilities, list out the college facilities and display the images using floating concepts in CSS.
- Create a web page about the login page linked at the bottom of the frame.

Solution

Home.html

```
frameset rows="25%,*">
   <frame src="top.html" name="top">
   <frame src="bottom.html" noresize name="bottom" >
   </frameset>
   </frameset>
```

Top.html

```
<html>
  <head>
    <link rel="stylesheet" href="mystyle.css">
    <style>
      *   {
```

```css
        margin:0;
        padding:0;
        box-sizing: border-box;
    }
    body{
        display: flex;
        justify-content: center;
        align-items: center;
        height: 100vh;
        background-color: #151925;
        font-family: sans-serif;
        font-weight: bold;
    }
    a
    {

        position: relative;
        display: inline-block;
        padding:25px 15px;
        margin:20px 10px;
        color: #03e9f4;
        text-decoration: none;
        text-transform: uppercase;
        transition: 0.9s;
        /* letter-spacing: 2px; */
        overflow: hidden;
        margin-right:20px;

    }
    a:hover
    {
        background: #03e9f4;
        color: #050801;
        box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0 0 200px #03e9f4;
        -webkit-box-reflect:below 1px linear-gradient(transparent, #0005);

    }
    a:nth-child(1)
    {
        filter:hue-rotate(270deg);
    }
    a:nth-child(2)
    {
        filter:hue-rotate(110deg);
    }
```

```css
a:nth-child(3)
{
   filter:hue-rotate(200deg);
}
a:nth-child(4)
{
   filter:hue-rotate(270deg);
}
a:nth-child(5)
{
   filter:hue-rotate(110deg);
}
a:nth-child(6)
{
   filter:hue-rotate(186deg);
}
a span
{
   position: absolute;
   display:block;
}
a span:nth-child(1)
{
   top:0;
   left:0;
   width:100%;
   height:2px;
   background: linear-gradient(90deg, transparent,#03e9f4);
   animation: animate1 1s linear infinite;
}
@keyframes animate1
{
   0%{left:-100%;}
   50%,100%{left:100%;}
}
a span:nth-child(2)
{
   top:-100%;
   right:0;
   width:2px;
   height:100%;
   background: linear-gradient(180deg, transparent,#03e9f4);
   animation: animate2 1s linear infinite;
   animation-delay: 0.25s;
```

```css
        }
        @keyframes animate2
        {
          0%{top:-100%}
          50%, 100%{top:100%;}
        }
        a span:nth-child(3)
        {
          bottom:0;
          right:0;
          width:100%;
          height:2px;
          background: linear-gradient(270deg, transparent,#03e9f4);
          animation: animate3 1s linear infinite;
          animation-delay: 0.5s;
        }
        @keyframes animate3
        {
          0%{right:-100%}
          50%, 100%{right:100%;}
        }
        a span:nth-child(4)
        {
          bottom:-100%;
          left:0;
          width:2px;
          height:100%;
          background: linear-gradient(360deg, transparent,#03e9f4);
          animation: animate4 1s linear infinite;
          animation-delay: 0.75s;
          /* border-radius:20px; */
        }
        @keyframes animate4
        {
          0%{bottom:-100%}
          50%, 100%{bottom:100%;}
        }


    </style>
    </head>
    <body>
        <img src="pulogo.png" alt="PU Logo" style="background-color:white; padding:10px;border-radius: 10px; margin-top: 5px;margin-bottom: 5px; height:100px; border:3px solid lightgrey">
```

```html
      <a href="about.html" target="bottom">
        Home<span></span>
        <span></span>
        <span></span>
        <span></span>
      </a>
      <a href="academics.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Academic
      </a>
      <a href="admission.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Admissions
      </a>
      <a href="facilities.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Facilities
      </a>
      <a href="login.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Login
      </a>
      <a href="Register.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Register
      </a>
    </body>
</html>
```

About.html

```html
<html>
   <head>
     <style>
       body
       {
          background-color: rgb(193, 193, 189);
       }
     </style>
   </head>
<body>
   <h1>  Over View</h1>
   <p><b> About the University</p>
   <img src="pu.jpg">
</body>
</html>
```

Academics.html

```html
<html>
<body>

   <h1 style="text-align:center">   WELCOME<br> TO <br>PRESIDENCY UNIVERSITY
   </h1>

   </body>
</html>
```

Admission.html

```html
<html>
<head>
   <link rel="stylesheet" href="mystyle.css">
   <style>
     body
     {
       background-color: rgba(189, 189, 188, 0.79);
     }
     .static
     {
     position:sticky;
     top:0;
     right:0;
```

```css
        display: inline;
        float: right;
        font-size:25px;
        border-radius: 15px;
        padding:10px;
        background-color: aliceblue;
        box-shadow: 0 0 25px black;
        }
        li
        {
          list-style: none;
          margin:8px 5px;
        }
        a
        {
          text-decoration: none;
          color:rgb(50, 53, 51);
        }
        li:hover
        {
          border:2px solid black;
          display:inline-block;
          padding:8px;
          color: azure;
          border-radius: 20px;
          background-color:rgb(37, 38, 43);
        }
        h1
        {
          /* border:2px solid black; */
          display: inline-block;
          padding:5px;
          color:darkslateblue;
          text-shadow: 2px 1px 2px rgb(120, 127, 131);
        }

    </style>
</head>
<body>
    <div class="static">
        <a href="register.html"> For Admission Click Here</a></div>
<h1 >Admissions Open </h1>
<ul>
 <a href="register.html"><li>School of Engineering</li></a>
 <a href="register.html"><li>School of Law</li></a>
 <a href="register.html"><li>School of Management</li></a>
 <a href="register.html"><li>School of Commerce</li></a>
 <a href="register.html"><li>School of Design</li></a>
</ul>
</body>
```

</html>

```
<html>
  <head>
    <title>Facilities</title>
    <style>
    body
    {
     background-color: rgb(211, 215, 211);
    }
    img
    {
     float:right;
     height:200px;
     width:350px;
     border-radius: 20px;
     margin:110px 19px;
    }
    p
    {

     margin:29px 23px;
     font-size: 24px;
     width:750px;
     text-align: justify;
    }
    h1
    {
     font-family:'Courier New', Courier, monospace;
     font-size:30px;
     margin:25px 203px;
     border:2px solid black;
     display: inline-block;
     padding:5px;
     border-radius: 15px;
     background-color: lightgray;
    }
    #a2
    {
     float: left;
     margin:160px 10px;
    }
    #P2
    {
     /* border:2px solid black; */
     margin:10px 370px;
     width:650px;
    }
```

```html
    #h2
    {
      margin:10px 10px;
    }
    </style>
  </head>
  <body>

    <img src="Library.jpg" alt="Library" class="image" id="a1">
    <h1>Library</h1>
  <p>
    The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content. Students utilize these services for their classroom-related work and for further research into their areas of interest.
  </p>

    <img src="classroom.jpg" alt="Library" class="image" id="a2">
    <h1 #id="H2">Classrooms</h1>
    <p id="P2">
    The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content. Students utilize these services for their classroom-related work and for further research into their areas of interest.
  </p>
    <img src="Library.jpg" alt="Library" class="image" id="a1">
    <h1>Library</h1>
  <p>
    The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content. Students utilize these services for their classroom-related work and for further research into their areas of interest.
  </p>

    <img src="classroom.jpg" alt="Library" class="image" id="a2">
    <h1 #id="H2">Classrooms</h1>
    <p id="P2">
    The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content. Students utilize these services for their classroom-related work and for further research into their areas of interest.
    </p>
</body>
</html>
```

<u>Login.html</u>

```html
<html>
<head>

   <title>Login_Page</title>
</head>
<body>
       <h1 >
           Login Page - // code here
        </h1>
</body>
</html>
```

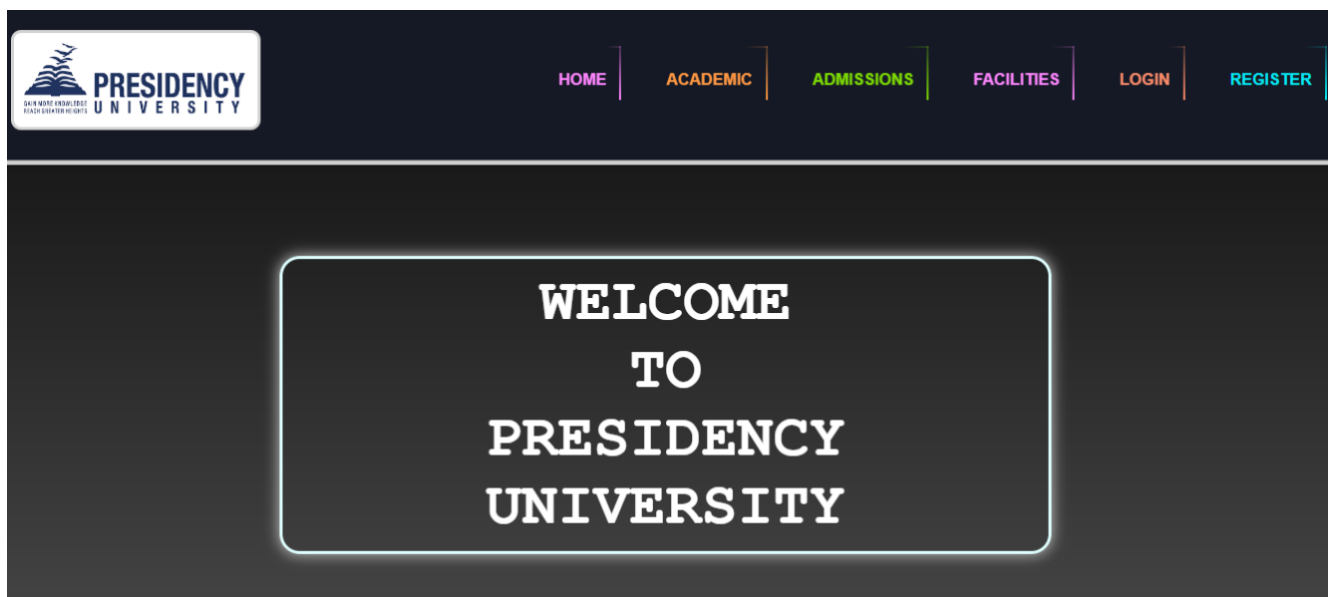**<u>Registration .html</u>**

```html
<html>
<head>

   <title>Login_Page</title>
</head>
<body>
       <h1 >
           Registration Page - // code here
        </h1>
</body>
</html>
```

Output:
 Home page:

Admission page

Facilities Page

Login page

Registration page

PRESIDENCY UNIVERSITY

HOME   ACADEMIC   ADMISSIONS   FACILITIES   LOGIN   REGISTER

Student Registaration Form

First Name: [Enter your first name]

Last Name: [Enter your last name]

Email: [it should contain @,.]

Mobile: [only 10 digits are allowed]

Gender: ○ Male   ○ Female

Date Of Birth: [dd - mm - yyyy]

Address: [   ]