



Mini Project Report - 05

Master of Computer Application – General

Semester – I

Sub: FRONT_END FRAMEWORKS & TECHNOLOGIES

Topic: Css_Flexbox

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INTRODUCTION

This project demonstrates the use of HTML and CSS Flexbox to design a simple and responsive navigation bar. The layout includes a university logo, heading, search box, and navigation links such as Home, Menu, About, and Services. By using Flexbox, the elements are neatly aligned on the same line, making the design more structured and visually appealing.

The CSS styling adds features like background color, rounded corners, shadow effects, and hover effects for buttons, which improve both the look and usability of the navigation bar. The search bar and button are positioned alongside the logo and heading, giving the webpage a more practical and professional appearance. Overall, this small project helps in understanding how Flexbox can simplify alignment and spacing of multiple elements within a webpage.

INPUT CODE

```
<html>
  <head>
    <title>css Flexbox</title>
    <style>
      ul{

        display: flex;
        justify-content: flex-end;
        background-color: hotpink;
        padding: 10px;
        border-bottom-left-radius: 20px;
        border-bottom-right-radius: 20px;
        box-shadow: 3px 3px 5px black;
      }
      ul li{
        padding-right: 10px;
        list-style-type: none;
        margin-top: 30px;
      }
      input{
        margin-right: 10px;
        width: 400px;
        height: 30px;
        margin-top: 25px;
      }
```

```
button{
    height:30px;
    margin-top:25px;
    width: 80px;
    margin-right: 10px;
    background: red;
    border-radius: 10px;

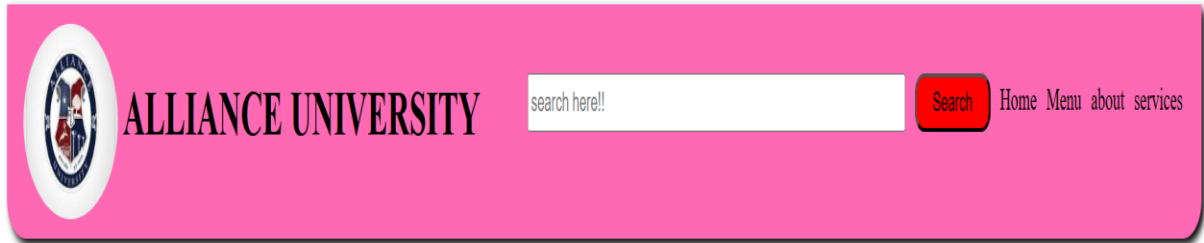
}
button:hover{
    background-color: blue;
}
h1{
    margin-right: 50px;
    margin-top: 27px;

}
img{
    width:100px;
    height:100px;
    margin-right: 5px;
    border-radius: 50px;
}
</style>
</head>
<body>
```

```
<ul>
  
  <h1>ALLIANCE UNIVERSITY</h1>
  <input type="text" placeholder="search here!!">
  <button>Search</button>
  <li>Home</li>
  <li>Menu</li>
  <li>about</li>
  <li>services</li>

</ul>
</body>
</html>
```

OUTPUT



CONCLUSION

Through this project, I was able to understand how HTML and CSS Flexbox can be used to design a clean and structured navigation bar. By arranging elements like the logo, heading, search bar, and menu items in a single row, Flexbox made the layout both flexible and easy to manage. The additional styling, such as background color, rounded edges, shadows, and hover effects, helped to improve the overall appearance and user experience. This activity not only enhanced my knowledge of webpage design but also gave me practical experience in applying CSS properties to achieve a professional-looking interface.