

**Kiran Fatima (23-SE-05)**

**WE Lab report # 4**

## **LAB EXERCISE 1**

**Code:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Z-Index Hover Example</title>
  <style>
    .box {
      width: 150px;
      height: 150px;
      position: absolute;
      transition: all 0.3s ease;
      cursor: pointer;
      border-radius: 10px;
    }

    .box1 {
      background: lightcoral;
      top: 50px;
      left: 50px;
      z-index: 1;
    }
```

```
.box2 {  
  background: lightseagreen;  
  top: 100px;  
  left: 100px;  
  z-index: 2;  
}
```

```
.box3 {  
  background: lightblue;  
  top: 150px;  
  left: 150px;  
  z-index: 3;  
}
```

```
/* 📁 When you hover, increase z-index to bring it forward */
```

```
.box:hover {  
  z-index: 999;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="box box1"></div>
```

```
<div class="box box2"></div>
```

```
<div class="box box3"></div>
```

```
</body>
```

```
</html>
```

## Output:

Normal:



hovering the 2<sup>nd</sup> box



hovering the 1<sup>st</sup> box



## LAB EXERCISE 2

### Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Exercise</title>
</head>
<style>
  body{
    background-color: #000;
  }
  h1{
    color: #fff;
    text-align: center;
    text-transform: uppercase;
    font-family: Impact, 'Arial Narrow Bold', sans-serif, sans-serif;
    font-weight: 200;
```

```
        font-size: 2.6rem;
    }
    .container{
        display: flex;
        justify-content: space-evenly;
    }
    .img-flex{
        width: 22%;
        height: 65vh;
        transition: transform 0.3s ease;
    }
    .img-flex:hover{
        transform: scale(1.05);
    }
    .img-flex img{
        object-fit: cover;
        width: 100%;
        height: 100%;
        border-radius: 20px;
    }
</style>
<body>
    <h1>Places to visit</h1>
    <div class="container">

        <div class="img-flex">
            
        </div>

        <div class="img-flex">
```

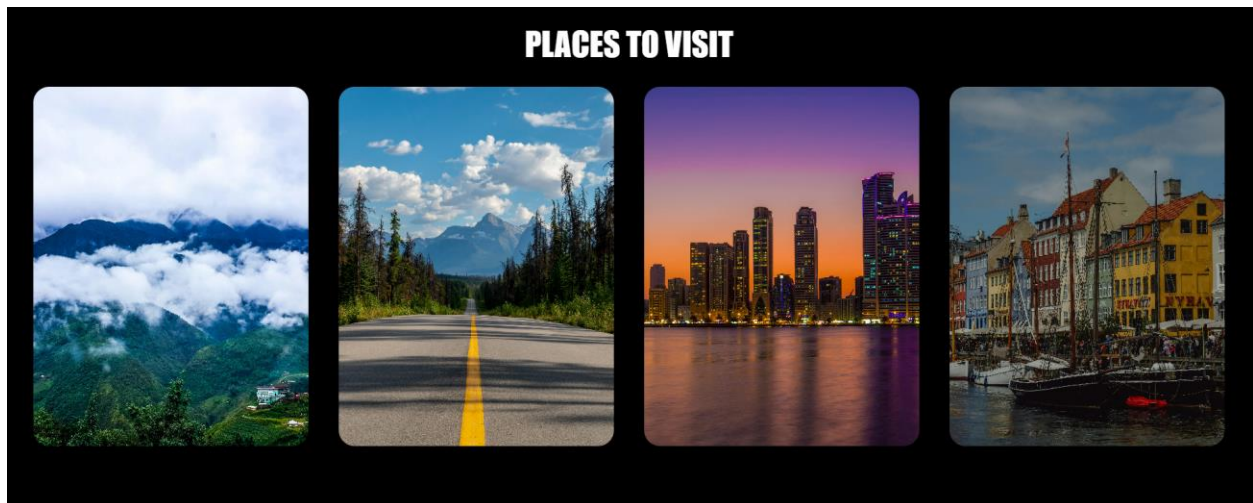
```

</div>

<div class="img-flex">
  
</div>

<div class="img-flex">
  
</div>
</div>
</body>
</html>
```

**Output:**



After hovering the third image ->

## PLACES TO VISIT



## LAB TASK:

### Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome/7.0.1/css/all.min.css" integrity="sha512-2SwdPD6INVrV/IHTZbO2nodKhrnDdJK9/kg2XD1r9uGqPo1cUbuja+IYdIYdEErWNU69gVcYgdxImVmzTWnetw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

  <title>Task | WE lab 4</title>

</head>

<style>

  *{

    margin: 0;

    padding: 0;
```

```
    box-sizing: border-box;
}
nav{
    width: 100vw;
    background-color: #670160;
}
nav ul{
    width: 100%;
    height: 100%;
    display: flex;
    list-style: none;
    padding: 0 20px;
}
ul li{
    padding: 25px 15px;
}
ul li:hover{
    background-color: #fff;
    cursor: pointer;
    a{
        color: #670160;
    }
}
ul li a{
    font-size: 1.2rem;
    color: #fff;
    text-decoration: none;
```

```
}  
.bg-div{  
    background-image: url(images/bg.jpg);  
    background-position: center;  
    width: 100%;  
    height: 60vh;  
}
```

```
.table-div{  
    width: 100%;  
    padding: 40px;  
}
```

```
table, th, td {  
    border: 1px solid black;  
    border-collapse: collapse;  
    text-align: left;  
}
```

```
th{  
    background-color: #ecc0e9;  
}
```

```
td, th{  
    padding: 5px;  
}
```

```
@media (max-width:786px){  
    nav ul {  
        flex-direction: column;  
    }
```



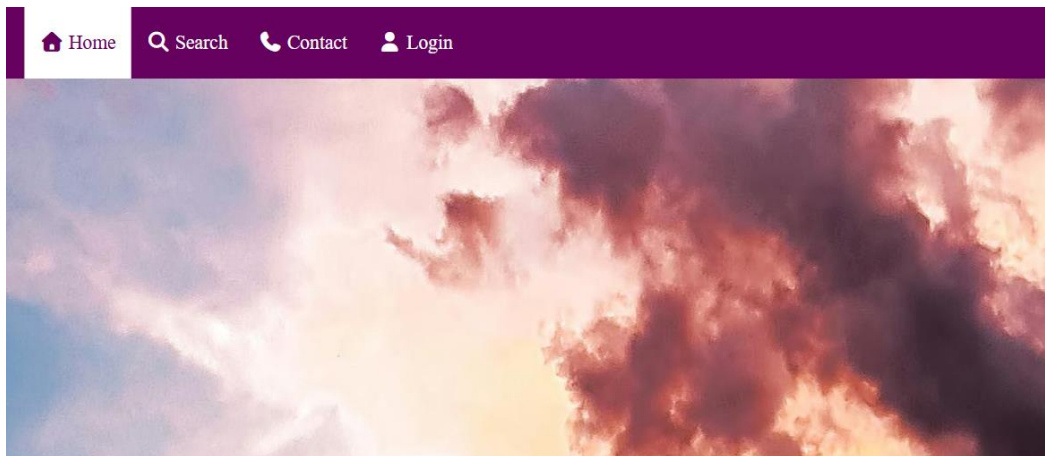
```
}
</style>
<body>
  <nav>
    <ul>
      <li><a href="#"><i class="fa-solid fa-house"></i> Home</a></li>
      <li><a href="#"><i class="fa-solid fa-magnifying-glass"></i> Search</a></li>
      <li><a href="#"><i class="fa-solid fa-phone"></i> Contact</a></li>
      <li><a href="#"><i class="fa-solid fa-user"></i> Login</a></li>
    </ul>
  </nav>
  <div class="bg-div"></div>

  <div class="table-div">
    <table style="width:100%">
      <tr>
        <th></th>
        <th>Name</th>
        <th>Age</th>
        <th>Telephone</th>
        <th>Roll No.</th>
        <th>Subjects</th>
        <th>Address</th>
      </tr>
      <tr>
        <th>Student 1</th>
        <td>Ahmed Ali</td>
```

```
<td>20</td>
<td>123 456 789</td>
<td>12-SE-150</td>
<td>Web dev</td>
<td>Taxila</td>
</tr>
<tr>
<th>Student 2</th>
<td>Khizra Hashmi</td>
<td>21</td>
<td>234 535 246</td>
<td>21-SE-152</td>
<td>SE</td>
<td>Rawalpindi</td>
</tr>
</table>
</div>
</body>
</html>
```

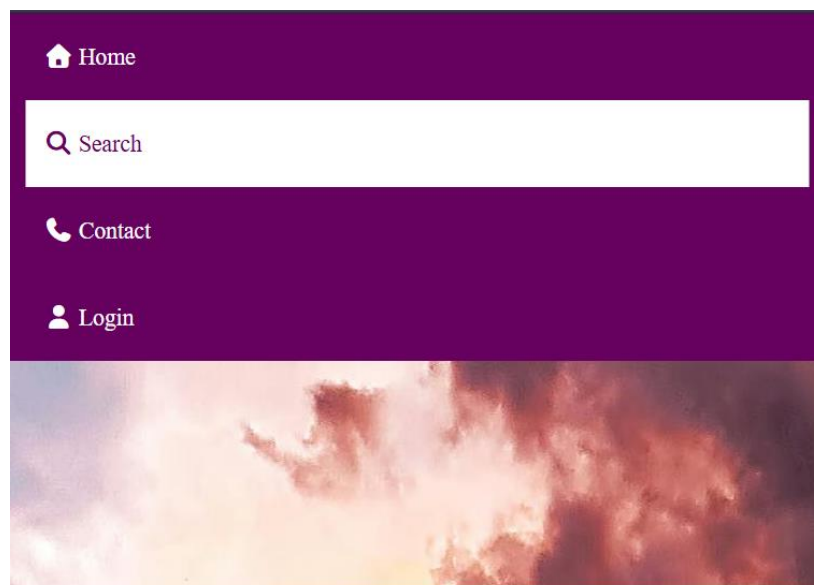
## Output:

Normal view:



	Name	Age	Telephone	Roll No.	Subjects	Address
Student 1	Ahmed Ali	20	123 456 789	12-SE-150	Web dev	Taxila
Student 2	Khizra Hashmi	21	234 535 246	21-SE-152	SE	Rawalpindi

View under 786px view port width:



	Name	Age	Telephone	Roll No.	Subjects	Address
Student 1	Ahmed Ali	20	123 456 789	12-SE-150	Web dev	Taxila
Student 2	Khizra Hashmi	21	234 535 246	21-SE-152	SE	Rawalpindi