1. Age Calculator Project

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Age Calculator Apllication</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="container">
        <h1><span>JAVASCRIPT</span> Age Calculator</h1>
        <div class="input-field">
            <input type="date" id="dob">
            <button onclick="calculateAge()">Calculate Age</button>
        </div>
        <div class="action">
            <h2>0 Years</h2>
            <h2>0 Monthss</h2>
            <h2>0 Days</h2>
        </div>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background: url('back.avif')no-repeat;
    background-size:cover;
    background-position: center;
}
```

```
.container{
    width: 700px;
    height: 350px;
    background: white;
    border-radius: 8px;
    box-shadow: 0px 0px 12px rgba(0, 0, 0, 0.8);
    padding: 20px 40px;
    display: flex;
    flex-direction: column;
    gap: 20px;
    align-items: start;
    justify-content: center;
}
.container h1{
    color:#1875d1;
    font-family: Mooli;
    font-weight: 700;
}
.container span{
    color:#053a5e;
    font-family: Mooli;
    font-weight: 900;
}
.container .input-field{
    width: 100%;
    padding: 10px 30px;
    border-radius: 5px;
    background: #7ea2c6;
}
.input-field input{
    width: 69%;
    padding: 10px;
    background: transparent;
    border: none;
    outline: none;
    font-size: 16px;
}
.input-field button{
    width: 30%;
    padding: 10px 20px;
    background: rgb(228, 227, 227);
    border-radius: 5px;
    border: none;
    outline: none;
    font-size: 16px;
    font-weight: 750;
    transition: all ease 0.4s;
}
```

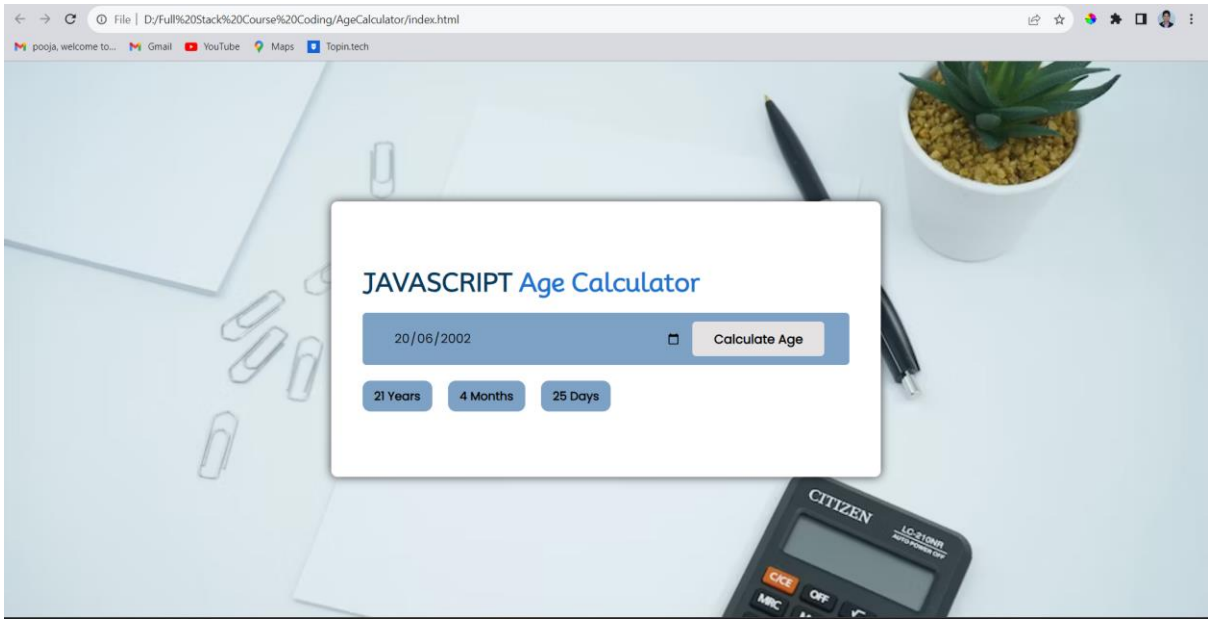
```
.input-field button:hover{
    cursor: pointer;
    background:#053a5e;
    color: white;
}
.container .action{
    width: 100%;
    display: flex;
    gap: 20px;
    align-items: center;
    justify-content: start;
}
.container .action h2{
    padding: 8px 15px;
    background:  #7ea2c6;
    border-radius: 10px;
    font-size: 15px;
}
```

Script.js

```
var dob = document.querySelector("#dob")
dob.max = new Date().toISOString().split("T")[0];

function calculateAge(){
    let birthDate = new Date(dob.value)
    let today = new Date()
    console.log(today)

    let y1,m1,d1;
    y1=today.getFullYear()
    m1=today.getMonth()+1
    d1=today.getDate()
    console.log(d1+"/"+m1+"/"+y1)

    let y2,m2,d2;
    y2=birthDate.getFullYear()
    m2=birthDate.getMonth()+1
    d2=birthDate.getDate()

    let y3,m3,d3;
    y3=y1-y2
    m3=m1-m2
    d3=d1-d2

    if(m1>=m2){
        m3=m1-m2
    }else{
        y3--
```

```
        m3=12+(m1-m2)
    }
    if(d1>=d2){
        d3=d1-d2
    }else{
        m3--;
        d3=getDaysFromMonth(y3,m3)+(d1-d2)
    }
    result = document.querySelectorAll(".action h2")
    result[0].innerText = y3+" Years"
    result[1].innerText = m3+" Months"
    result[2].innerText = d3+" Days"

}
function getDaysFromMonth(year,month){
    return new Date(year,month,0).getDate()
}
```

Output



2. Calculator Project

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Calculator Application</title>
  <link rel="stylesheet" href="style.css">
  <link rel="icon" type="x-images" href="icon.jpg">
</head>
<body>
  <div class="header">
    <h1>CALCULATOR</h1>
  </div>
  <div class="calculator">
    <div class="parent">
      <div class="screen">
        <input class="expression" type="text">
      </div>
      <div class="operation">
        <button data="+" class="btn task"><b>+</b></button>
        <button data="-"class="btn task"><b>-</b></button>
        <button data="*"class="btn task"><b>*</b></button>
        <button data="/"class="btn task"><b>/</b></button>
        <button data="9"class="btn"><b>9</b></button>
        <button data="8"class="btn"><b>8</b></button>
        <button data="7"class="btn"><b>7</b></button>
        <button data="6"class="btn"><b>6</b></button>
        <button data="5"class="btn"><b>5</b></button>
        <button data="4"class="btn"><b>4</b></button>
        <button data="3"class="btn"><b>3</b></button>
        <button data="2"class="btn"><b>2</b></button>
        <button data="1"class="btn"><b>1</b></button>
        <button data="0"class="btn"><b>0</b></button>
        <button onclick="clearData()" class="clear"><b>C</b></button>
       <button onclick="solve()" class="equal"><b>=</b></button>
      </div>
    </div>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
```

```
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    background-color: #A3D8FE;
}
.header{
    width: 100%;
    height: 100px;
    text-align: center;
    color: white;
}
.header h1{
    font-size: 100px;
    font-weight: 2000;
    background-image: url('text1.jpg');
    background-size: cover;
    background-position: center;
    background-clip: text;
    -webkit-background-clip: text;
    color: transparent;
}
.calculator{
    width: 300px;
    height: 410px;
    background: white;
    margin: 30px auto;
    border-radius: 8px;
    box-shadow: 1px 1px 10px #017AFD;
    padding: 20px;
}
.calculator .parent{
    width: 100%;
    height: auto;
    border-radius: 8px;
    padding-bottom: 20px;
}
.calculator .screen{
    width: 100%;
    height: 100px;
    border-radius: 8px;
    background: #A3D8FE;
}
.screen .expression{
```

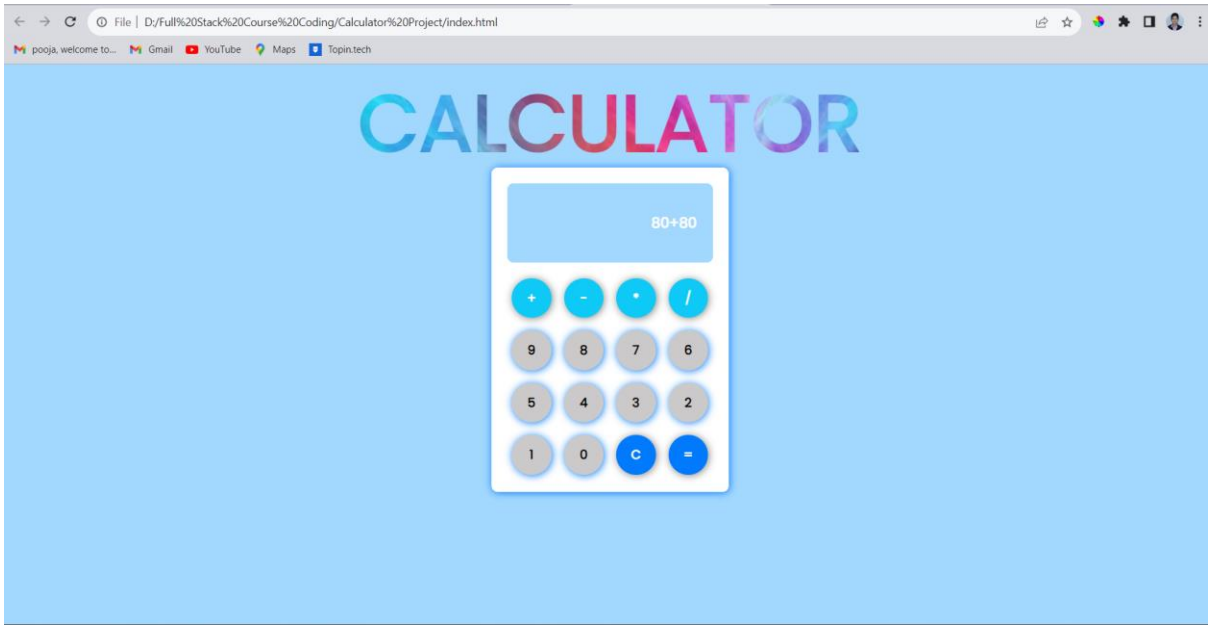
```
    width: 100%;
    height: 100%;
    background: transparent;
    border: none;
    outline: none;
    color: white;
    padding: 20px;
    font-size: 18px;
    font-weight: 900;
    text-align: right;
    pointer-events: none;
}
.calculator .operation{
    margin-top: 20px;
    width: 100%;
    height: auto;
    display: flex;
    align-items: center;
    justify-content: center;
    flex-wrap: wrap;
    gap: 1em;
}
.operation .btn{
    background: rgb(203, 202, 202);
    width: 50px;
    height: 50px;
    font-size: 16px;
    font-weight: 550;
    outline: none;
    borde0r: none;
    border-radius: 50%;
    box-shadow: 1px 1px 10px #017AFD;
}
.operation .btn, .task, .clear, .equal:hover{
    cursor: pointer;
}
.operation .task{
    background: #0FCAF7;
    color: white;
    width: 50px;
    height: 50px;
    font-size: 16px;
    font-weight: 650;
    outline: none;
    border: none;
    border-radius: 50%;
    box-shadow: 1px 1px 10px gray;
}
```

```
.operation .clear{
    background:#017AFD;
    color: white;
    width: 50px;
    height: 50px;
    font-size: 16px;
    font-weight: 650;
    outline: none;
    border: none;
    border-radius: 50%;
    box-shadow: 1px 1px 10px gray;
}
.operation .equal{
    background: #017AFD;
    color: white;
    width: 50px;
    height: 50px;
    font-size: 16px;
    font-weight: 650;
    outline: none;
    border: none;
    border-radius: 50%;
    box-shadow: 1px 1px 10px gray;
}
```

Script.js

```
var screen = document.querySelector(".expression")
var buttons = document.querySelectorAll(".btn")
screen.value = ""
buttons.forEach(function(button){
    button.addEventListener("click",function(){
        screen.value = screen.value+button.getAttribute("data")
    })
})
function solve(){
    var expr = screen.value
    var result = eval(expr)
    screen.value = result
}
function clearData(){
    screen.value = ""
}
```

Output



3. QR Code Generator Application

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>QR Code Generator</title>
   <link rel="stylesheet" href="style.css">
   <link rel="icon" type="x-images" href="icon.jpg">
   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css"
integrity="sha512-
z3gLpd7yknf1YoNbCzqRKc4qyor8gaKU1qmn+CShxbuBusANI9QpRohGBreCFkKxLhei6S9CQXFEbb
KuqLg0DA==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>
<body>
   <div class="window">
      <div class="title-panel">
         <i class="fa-solid fa-qrcode"></i>
         <h2>QR Code Generator App</h2>
      </div>
      <div class="container">
         <p>Enter your text or URL</p>
         <input type="text" id="textInput">
         <img src="" id="QRImg">
         <button onclick="generate()">Generate</button>
      </div>
```

```
    </div>
   <script src="script.js"></script>
</body>
</html>
```

Style.css

```
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    margin-top: 20px;
    background-image: url('bg.jpg');
    display: flex;
    align-items: start;
    justify-content: center;
}
.window{
    width: 450px;
    max-height: auto;
    background: rgb(177, 224, 243);
    border-radius: 5px;
    box-shadow: 0px 0px 10px rgba(0,0,0,0.8);
    display: block;
    transition: all ease-in0.4s;
}
.window .title-panel{
    width: 100%;
    height: 50px;
    background: pink;
    color: rgb(9, 143, 197);
    border-top-right-radius: 5px;
    border-top-left-radius: 5px;
    display: flex;
    align-items: center; /* vertical center*/
    justify-content: center;/*horizontal center*/
    gap: 10px;
    font-family: Mooli;
}
.title-panel i, .title-panel h2{
    font-size: 20px;
    font-weight: 600;
```

```
}
.window .container{
    width: 100%;
    padding: 1% 20%;
    max-height: auto;
    display: flex;
    flex-direction: column;
    align-items: start;
    justify-content: center;
    gap: 5px;
    transition: all ease-in 0.4s;
}
.container p{
    font-size: 15px;
    font-weight: bold;
    margin-left: 10px;
}
.container input{
    width: 80%;
    height: 35px;
    padding: 10px;
    border: none;
    outline: none;
    margin-left: 10px;
    border: 2px solid rgb(249, 91, 117);
    border-radius: 5px;
    transition: all ease 0.5s;
    box-shadow: 0px 0px 8px rgb(249, 91, 117);
}
.container input:focus{
    border: 2px solid rgb(9, 151, 208);
    box-shadow: 0px 0px 5px rgb(9, 151, 208);
}
.container button{
    width: 80%;
    height: 35px;
    border: none;
    outline: none;
    margin-left: 10px;
    border-radius: 5px;
    background: linear-gradient(to right, skyblue, pink);
    color: rgb(28, 175, 233);
    font-weight: 900;
    box-shadow: 0px 0px 8px crimson;
    transition: all ease-in 0.5s;
}
.container button:hover{
    background: linear-gradient(to right,pink,skyblue );
```

```
    box-shadow: 0px 0px 8px purple;
}
.container img{
    max-height: 200px;
}
.show-qr{
    width: 220px;
    height: 180px;
    border-radius: 5px;
    object-fit: contain;
    padding:10px;
}
```

Script.js

```
var textInput = document.querySelector("#textInput")
var QRImg = document.querySelector("#QRImg")
async function generate(){
    var apiURL = ("https://api.qrserver.com/v1/create-qr-code/?size=150x150&data="+textInput.value)
    var imgsource=await fetch(apiURL)
    var QRImg=document.querySelector("#QRImg")
    QRImg.src=apiURL;
    QRImg.classList.toggle("show-qr")
    document.querySelector(".window").style.height="350px"
}
```

Output

4. To-Do List Application

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>To-Do List</title>
    <link rel="stylesheet" href="style.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css" integrity="sha512-
z3gLpd7yknf1YoNbCzqRKc4qyor8gaKU1qmn+CShxbuBusANI9QpRohGBreCFkKxL-
hei6S9CQXFEbbKuqLg0DA==" crossorigin="anonymous" referrerpolicy="no-referrer"
/>
</head>
<body>
    <div class="container">
        <h2>Add Your Important Work List Here</h2>
        <div class="input-field">
            <i class="fa-solid fa-list-check"></i>
            <input id="task" type="text" placeholder="Add your Task">
            <button onclick="addToList()"><i class="fa-solid fa-square-
plus"></i></button>
        </div>
        <div class="list">
            <ul id="listItems">
            </ul>
        </div>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    background: whitesmoke;
}
.container{
    width: 350px;
```

```
    background: white;
    padding: 20px;
    max-height: 450px;
    margin: 40px auto;
    border-radius: 8px;
    box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.8);
}
.container h2{
    margin-bottom: 10px;
}
.container .input-field{
    width: 100%;
    height: 35px;
    border: 2px solid rgb(103, 221, 103);
    display: flex;
    align-items: center;
    justify-content: start;
    gap: 5px;
    border-radius: 5px;
}
.input-field i{
    font-size: 16px;
    width: 5%;
    padding: 5px;
    color: rgb(103, 221, 103);
}
.input-field input{
    width: 80%;
    height: 100%;
    padding: 10px;
    border: none;
    outline: none;
}
.input-field button{
    width: 15%;
    height: 100%;
    font-size: 18px;
    border: none;
    text-align: center;
    background: rgb(103, 221, 103);
    color: white;
    transition: all ease-in 400ms;
}
.input-field button:hover{
    cursor: pointer;
    background: green;
}
.input-field button i{
```

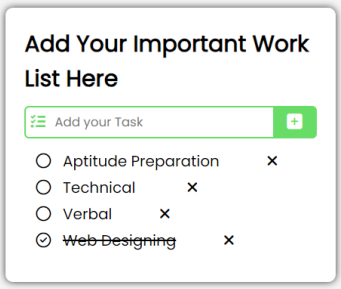
```
    width: 100%;
    font-size: 18px;
    color: white;
}
.container .list{
    width: 100%;
    padding: 10px 10px;
}
.container .list ul{
    width: 100%;
    list-style: none;
}
.container .list ul li{
    padding: 2px;
    width: 100%;
    text-align: start;
}
.container .list ul li i{
    width: 10%;
}
.container .list ul span{
    margin-left: 50px;
}
.checked{
    text-decoration: line-through;
}
```

Script.js

```
function addToList(){
    var task = document.querySelector('#task')
    var listItems = document.querySelector('#listItems')
    if(task.value==""){
        alert("Add some task !!")
    }else{
        var item = document.createElement("li")
        item.innerHTML="<i class='fa-regular fa-cir-
cle'></i>"+task.value+"<span><i class='fa-solid fa-xmark'></i></span>"
        listItems.appendChild(item)
        task.value=""
    }
    saveToLocalStorage()
    getFromLocalStorage()
}
function saveToLocalStorage(){
    var listItems = document.querySelector("#listItems")
    localStorage.setItem("items",listItems.innerHTML)
    task()
```

```
}
function getFromLocalStorage(){
    var listItems = document.querySelector("#listItems")
    listItems.innerHTML = localStorage.getItem("items")
    task()
}
getFromLocalStorage()
function task(){
    var items = document.querySelectorAll("#listItems li")
    var listItems = document.querySelector("#listItems")
    console.log(items)
    items.forEach(function(item){
        item.addEventListener("click",function(details){
            if(details.target.tagName=="I"){
                listItems.removeChild(item)
            }
            else if(details.target.tagName=="LI"){
                console.log("asdsf")
                item.style.textDecoration="line-through"
                var checkIcon=item.childNodes[0]
                if(checkIcon.classList.contains("fa-circle")){
                    checkIcon.classList.remove("fa-circle")
                    checkIcon.classList.add("fa-circle-check")
                }
            }
            saveToLocalStorage()
        })
    })
}
```

Output



5. Weather Forecast Application

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Weather Forecast Application</title>
    <link rel="icon" type="x-images" href="weather.png">
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="header">
        <h1>Weather Forecast Application</h1>
    </div>
    <div class="weather">
        <div class="input-field">
            <input type="text" class="searchInput" name="searchInput" place-
holder="Solapur,Dharashiv">
            <button onclick="search()" class="searchBtn">Search</button>
        </div>
        <div class="icon">
            <img src="w1.webp" alt="">
        </div>
        <div class="details">
            <h1 class="temp">22°c</h1>
            <h2 class="city">Pune</h2>
        </div>
        <div class="details1">
            <div class="data">
                <h2 class="h">40%</h2>
                <p>Humidity</p>
            </div>
            <div class="data">
                <h2 class="w">10 km/hr</h2>
                <p>Wind Speed</p>
            </div>
        </div>
        <div class="footer">
            <p>Developed By, Akanksha</p>
        </div>
    </div>

    <script src="script.js"></script>
</body>
</html>
```

Style.css

```
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body {
    background-image: url('w2.jpeg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: 100% 100%;
  }
.header{
    width: 100%;
    padding: 0.4%,0;
    display: flex;
    background: linear-gradient(125deg, #50A6C7, #72BFD3);
    align-items: center;
    justify-content: center;
    color: white;
    font-family: Mooli;
}
.header h1{
    font-family: Mooli;
}
.weather{
    width: 35%;
    height: 550px;
    background: white;
    box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.4);
    margin: 40px auto;
    border-radius: 8px;
    padding: 20px;
    display: flex;
    flex-direction: column;
    gap: 1.5em;
    align-items: center;
    justify-content: start;
    background-color: slategray;
}
.weather .input-field{
    width: 100%;
    height: 35px;
    display: flex;
    gap: 0;
```

```
    border: 2px solid gray;
    border-radius: 5px;
}
.input-field .searchInput{
    width: 70%;
    outline: none;
    border: none;
    padding: 8px;
    border-top-left-radius: 5px;
    border-bottom-left-radius: 5px;
}
.input-field .searchBtn{
    width: 30%;
    border: none;
    outline: none;
    border-top-right-radius: 3px;
    border-bottom-right-radius: 3px;
    background: cornflowerblue;
    color: white;
    font-size: 14px;
    font-weight: 550;
}
.searchBtn:hover{
    cursor: pointer;
}
.weather .details{
    display: flex;
    flex-direction: column;
    gap: 1em;
    align-items: center;
}
.weather .icon{
    width: 100%;
    height: 100%;
    text-align: center;
}
.icon img{
    width: 200px;
    height: 200px;
    object-fit:contain;
    border-radius: 50%;
}
.weather .details1{
    width: 100%;
    height: 90px;
    display: flex;
    align-items: center;
    justify-content: center;
```

```
    gap: 0;
}
.details1 .data{
    flex: 0 0 50%;
    flex-direction: column;
    display: flex;
    align-items: center;
    justify-content: center;
}
```

Script.js

```
async function search(){
    var city=document.querySelector(".searchInput")
    var apiURL="https://api.openweather-
map.org/data/2.5/weather?q="+city.value+"&ap-
pid=ca74834dac53d7f674bfe4854c6ff83d";
    console.log(apiURL)
    var raw=await fetch(apiURL)
    var data=await raw.json()
    console.log(data)
    if(data){
        if(data.message=='City not found'){
            alert(data.message)
            document.querySelector(".temp").innerHTML="°c";
            document.querySelector(".city").innerHTML=data.name;
            document.querySelector(".h").innerHTML=data.main.humidity+" %";
            document.querySelector(".w").innerHTML=data.main.wind.speed+"
km/hr";
        }else{
            document.querySelector(".temp").innerHTML=(data.main.temp-
273.15).toFixed(2)+"°c";
            document.querySelector(".city").innerHTML=data.name;
            document.querySelector(".h").innerHTML=data.main.humidity+" %";
            document.querySelector(".w").innerHTML=data.main.wind.speed+"
km/hr";
        }
    }
}
```

Output

6. Launch Page Application

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Product Launch Page</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="container">
        <h1>Product to be launch</h1>
        <div class="details">
            <div class="card">
                <h2>0</h2>
                <p>Days</p>
            </div>
            <div class="card">
                <h2>0</h2>
                <p>Hours</p>
            </div>
            <div class="card">
                <h2>0</h2>
                <p>Minutes</p>
            </div>
            <div class="card">
                <h2>0</h2>
                <p>Seconds</p>
            </div>
```

```html
        </div>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Josefin Sans');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.container{
    width: 100%;
    height: 60vh;
    background: url('back.jpg');
    background-repeat: no-repeat;
    background-position:top;
    background-size: cover;
    position: relative;
    display: flex;
    align-items: center;
    justify-content: center;
}
.container h1{
    font-size: 45px;
    color: blue;
    padding: 15px;
    border-radius: 5px;
    background: rgba(212, 242, 254, 0.5);
    font-family: Josefin Sans;
}
.container .details{
    position: absolute;
    width: 60%;
    height: 100px;
    background:white;
    bottom: -15%;
    left: 20%;
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.8);
    border-radius: 5px;
    display: flex;
    align-items: center;
    justify-content: center;
    gap: 20px;
}
```

```
.container .details .card{
    width: 20%;
    background: rgb(51, 150, 189);
    height: 90%;
    border-radius: 5px;
    color: white;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    gap: 10px;
}
.details .card h2{
    font-size: 28px;
}
```

Script.js

```
function task(){
    var today = new Date()
    var targetDate = new Date("12/10/2023 15:00:00")
    var difference = (targetDate-today)/1000
    var days = Math.floor(difference/3600%24)
    var hours = Math.floor((difference/3600)%24)
    var minutes = Math.floor((difference/60)%60)
    var seconds = Math.floor(difference%60)
    var result = document.querySelectorAll(".card h2")
    result[0].innerText = days;
    result[1].innerText = hours;
    result[2].innerText = minutes;
    result[3].innerText = seconds;
}
setInterval(task,100)
```

Output

7. Meme generator

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Meme Generator App</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <button onclick="getMemes()" class="btn">Generate Meme</button>
    <div class="card">
        <img src="">
        <h2></h2>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

Style.css

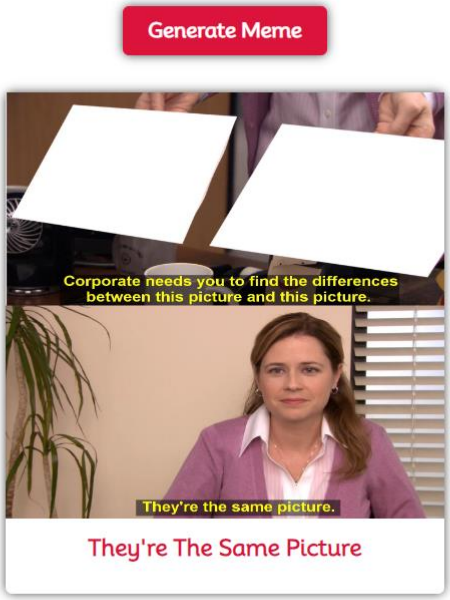
```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    gap: 30px;
    flex-direction: column;
}
.btn{
    padding: 10px 20px;
    background: crimson;
    border: none;
    outline: none;
    border-radius: 5px;
    color: white;
    font-size: 16px;
```

```
    font-weight: 650;
    box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.7);
    transition: all ease 500ms;
    font-family: Mooli;
}
.btn:hover{
    cursor: pointer;
    background: white;
    color: crimson;
}
.card{
    width: 350px;
    height: 400px;
    border-radius: 5px;
    box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.7);
}
.card img{
    width: 100%;
    height: 85%;
}
.card h2{
    width: 100%;
    text-align: center;
    padding: 5px;
    text-transform: capitalize;
    font-size: 18px;
    color: crimson;
    font-family: Mooli;
}
```

Script.js

```
async function getMemes(){
    var raw=await fetch("https://api.imgflip.com/get_memes")
    var result=await raw.json()
    var index=Math.floor(Math.random()*100)
    var array=result.data.memes
    var image=document.querySelector(".card img")
    var caption=document.querySelector(".card h2")
    image.src=array[index].url
    caption.innerHTML=array[index].name
}

getMemes()
```

Output



8. TextBox Suggestion

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>TextBox Suggestions</title>
    <link rel="stylesheet" href="style.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css" integrity="sha512-
z3gLpd7yknf1YoNbCzqRKc4qyor8gaKU1qmn+CShxbuBusANI9QpRohGBreCFkKxL-
hei6S9CQXFEbbKuqLg0DA==" crossorigin="anonymous" referrerpolicy="no-referrer"
/>
</head>
<body>
    <div class="card">
        <h1>Google</h1>
    </div>
    <div class="container">
        <div class="input-field">
            <button><i class="fa-solid fa-magnifying-glass"></i></button>
            <input type="text" placeholder="Search Google or type URL"
id="searchText">
            <button><i class="fa-solid fa-microphone"></i></button>
            <button><i class="fa-solid fa-camera-retro"></i></button>
        </div>
```

```html
        <div class="result-box">
            <ul id="list">
                <li><i class="fa-solid fa-clock-rotate-left"style="color:gray;
padding:10px"></i> How to create a website</li>
                <li><i class="fa-solid fa-clock-rotate-left"style="color:gray;
padding:10px"></i> How to maintain attendence without going to college</li>
                <li><i class="fa-solid fa-clock-rotate-left"style="color:gray;
padding:10px"></i> How to add SEO to website</li>
                <li><i class="fa-solid fa-clock-rotate-left"style="color:gray;
padding:10px"></i> What is Javascript</li>
            </ul>
        </div>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100%;
    height: 100%;
    background: rgb(211, 179, 240);
}
.card h1{
    color: white;
    font-size: 70px;
    font-weight: 600;
    text-align: center;
    margin-top: 100px;
}
.container{
    width: 550px;
    height: 50px;
    background: white;
    margin-top: 20px;
    border-top-left-radius: 25px;
    border-top-right-radius:25px ;
    display: block;
    align-items: start;
    justify-content: center;
```

```
    margin-left: 520px;
    /*box-shadow: inset 0px 0px 10px rgba(0, 0, 0, 0.8);*/
}
.container .input-field{
    width: 100%;
    height: 100%;
    padding: 5px;
    display: flex;
    align-items: center;
    justify-content: center;
}
.container .input-field input{
    width: 80%;
    border: none;
    outline: none;
    font-size: 14px;
    background: transparent;
}
.input-field input::placeholder{
    color: rgba(0, 0, 0, 0.7);
}
.container .input-field button{
    width: 10%;
    border: none;
    outline: none;
    background: transparent;
    font-size: 16px;
}
.container .result-box{
    width: 100%;
    background: white;
    border-bottom-left-radius: 8px;
    border-bottom-right-radius: 8px;
}
.container .result-box ul{
    border-top: 2px solid rgba(0, 0, 0, 0.7);
    list-style: none;
}
.result-box ul li{
    padding: 5px 10px;
    font-size: 14px;
}
.result-box ul li:hover{
    background: rgba(0, 0, 0, 0.2);
    cursor: pointer;
}
.input-field button i{
    color: gray;
```

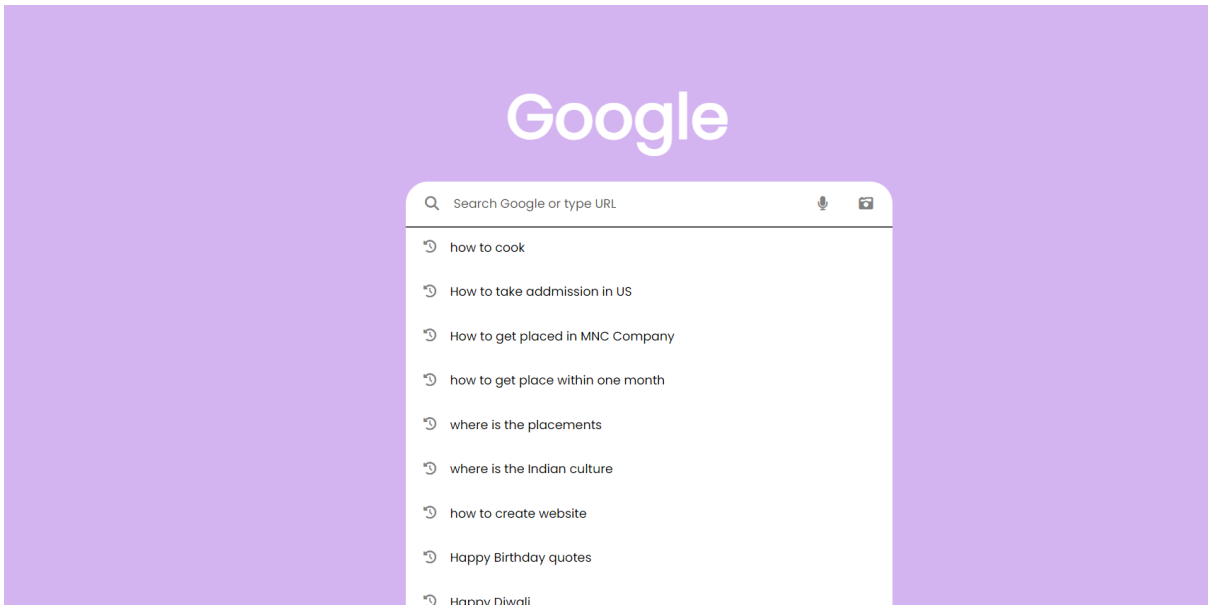
```
}
```

Script.js

```
var searchValues=[
    "how to cook",
    "How to take addmission in US",
    "How to get placed in MNC Company",
    "how to get place within one month",
    "where is the placements",
    "where is the Indian culture",
    "I am good?",
    "how to create website",
    "Leadsoft Placement Academy",
    "is winter is coming",
    "Happy Birthday quotes",
    "Happy Diwali",
    "Happy new year",
    "Why Engineering is Critical",
    "Best course related to engineering",
    "Top 10 companys in india",
    "Top 10 players",
    "who is the inventor of Computer technology"
]
var searchText = document.querySelector("#searchText")
var list = document.querySelector("#list")

searchText.addEventListener("keydown",function(){
    var result=[]
    if(searchText.value){
        result=searchValues.filter(function(keyword){
            return keyword.toLowerCase().includes(searchText.value.toLower-
Case())
        })
    }
    console.log(result)
    var content=""
    result.forEach(function(element){
        var temp="<li onclick=display(this)><i class='fa-solid fa-clock-ro-
tate-left' style='height:40px; width:40px; color:gray;padding:10px'></i>"+ele-
ment+"</li>"
        content=content+temp;
    })
   list.innerHTML=content
})
function display(element){
    searchText.value=element.innerText
    list.innerHTML=""
```

```
}
```

Output



9. Using EventListeners in Javascript

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Event Listeners</title>
    <link rel="stylesheet" href="style1.css">
    <link rel="icon" type="x-images" href="add.png">
</head>
<body>
    <div class="card">
        <img src="profile.jpg">
        <h1>Sophia</h1>
        <h2 id="status">Stranger</h2>
        <button id="btn">Add Friend</button>
    </div>
    <div class="card">
        <div id="back">

        </div>
        <div class="desc">
```

```html
            <p id="para">HTML stands for Hyper Text Markup Language.HTML is
the standard markup language for creating Web pages.HTML describes the struc-
ture of a Web page.HTML consists of a series of elements.</p>
        </div>
        <div class="bton">
            <button id="btn1">Change Me</button>
        </div>
    </div>
    <div class="card">
        <div class="login">
            <h2>Login</h2>
            <div class="input-field">
                <label>Username</label>
                <input id="usr" type="text" placeholder="Username">
            </div>
            <div class="input-field">
                <label>Password</label>
                <input id="pass" type="password" placeholder="Password">
            </div>
            <div class="btn2">
                <button id="btn3">Login</button>
            </div>
        </div>
    </div>
    <script src="script1.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    display: flex;
    flex-direction: row;
    align-items: center;
    justify-content: center;
    gap: 10px;
    background: lightblue;
}
.card{
    width: 300px;
```

```
    height: 350px;
    background: white;
    border-radius: 10px;
    box-shadow: 2px 2px 10px gray;
    display: flex;
    flex-direction: column;
    gap: 10px;
    padding: 30px;
    align-items: center;
    justify-content: center;
}
.card img{
    width: 120px;
    height: 120px;
    border-radius: 100%;
    object-fit: cover;
}
.card button{
    padding: 5px 15px;
    background: green;
    border: none;
    outline: none;
    color: white;
    font-weight: 600;
}
.card button:hover{
    transform: scale(1.07);
    cursor: pointer;
}
.card h2{
    color: red;
}
.addfrnd{
    background-color: green;
    padding: 5px 8px;
    color: white !important;
}
.removefrnd{
    background-color: red;
    padding: 5px 8px;
    color: white !important;
}
.card #back{
    background: url('html1.png');
    background-position: center;
    background-size: cover;
    background-repeat: no-repeat;
    border-radius: 10px;
```

```
    width: 100%;
    height: 50%;
}
.bton #btn1{
    background: orangered;
    border-radius: 30px;
    padding: 10px;
    width: 110%;
}
.bton button:hover{
    transform: scale(1.07);
    cursor: pointer;
}
.card .desc{
    padding: 8px;
    font-size: 11px;
    text-align: justify;
}
.login h2{
    color: black;
    text-align: center;
    font-family: Mooli;
    padding: 10px;
}
.login .input-field{
    padding: 10px;
}
.input-field label{
    font-size: 16px;
    font-weight: 600;
    font-family: Mooli;
}
.input-field input{
    width: 100%;
    padding: 8px;
    background: rgb(200, 196, 196);
    border: none;
    border-radius: 7px;
    outline: none;
    transition: ease 0.4s;
}
.input-field input:focus{
    box-shadow: 0px 0px 8px rgb(11, 190, 249);
    background: transparent;
}
.btn2{
    text-align: center;
    padding: 10px;
```

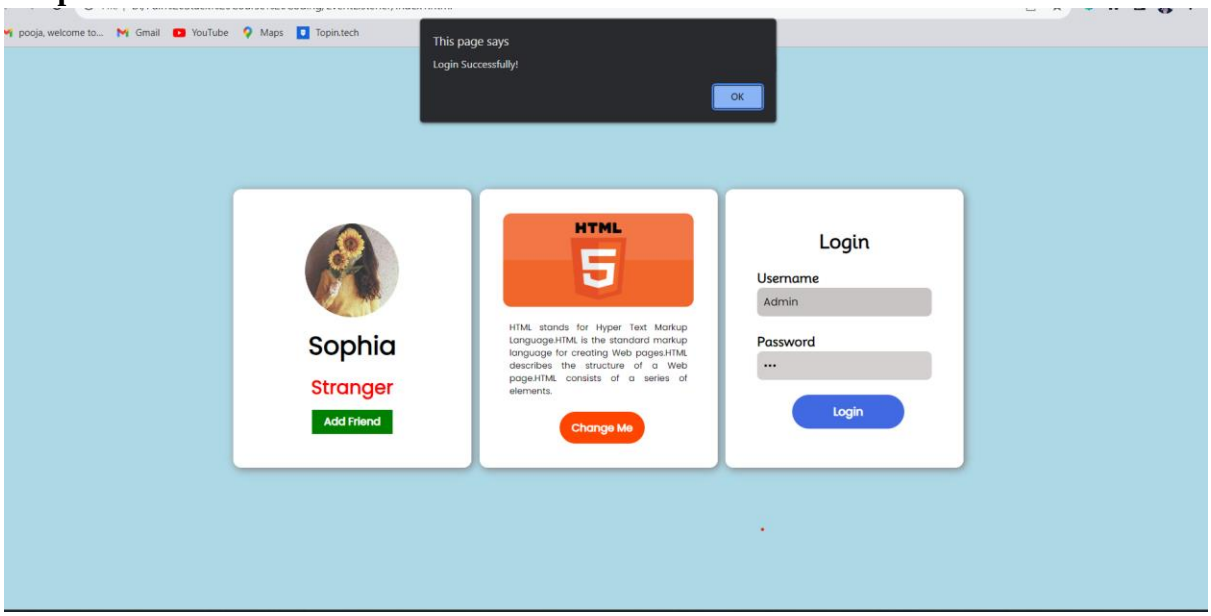
```
}
.btn2 button{
    margin-left: 10px;
    padding: 10px;
    background:royalblue;
    border-radius: 30px;
    width: 60%;
}
.btn2 button:hover{
    transform: scale(1.07);
    cursor: pointer;
}
```

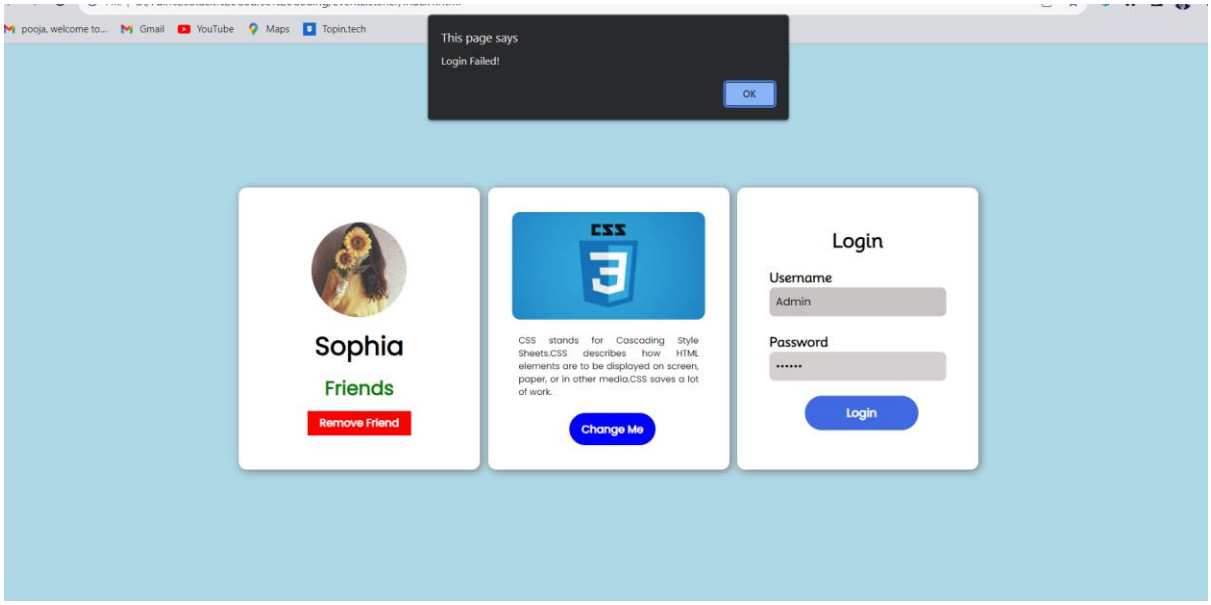
Script.js

```
var status1=document.querySelector("#status");
var btn=document.querySelector("#btn");
btn.addEventListener("click",function(){
    if(btn.innerHTML=="Add Friend"){
        status1.innerHTML="Friends";
        status1.style.color="green";
        if(status1.classList.contains("removefrnd")){
            status1.classList.remove("removefrnd");
        }
        status1.classList.add("addFrnd");
        btn.innerHTML="Remove Friend";
        btn.style.backgroundColor="red";
    }
    else{
        status1.innerHTML="Stranger";
        status1.style.color="red";
        if(status1.classList.contains("addFrnd")){
            status1.classList.remove("addFrnd");
        }
        status1.classList.add("removeFrnd");
        btn.innerHTML="Add Friend";
        btn.style.backgroundColor="green";
    }
});
var btn1=document.querySelector("#btn1");
var para=document.querySelector("#para");
var back1=document.querySelector("#back");
btn1.addEventListener("dblclick",function(){
    if(para.innerHTML=="HTML stands for Hyper Text Markup Language.HTML is the
standard markup language for creating Web pages.HTML describes the structure
of a Web page.HTML consists of a series of elements."){
        para.innerHTML="CSS stands for Cascading Style Sheets.CSS describes
how HTML elements are to be displayed on screen, paper, or in other media.CSS
saves a lot of work.";
        back1.style.background="url('css1.jpg')";
```

```
        back1.style.backgroundPosition="center";
        btn1.style.backgroundColor="blue";
    }
    else{
        para.innerHTML="HTML stands for Hyper Text Markup Language.HTML is the
standard markup language for creating Web pages.HTML describes the structure
of a Web page.HTML consists of a series of elements.";
        back1.style.background="url('html1.png')";
        back1.style.backgroundPosition="center";
        back1.style.backgroundSize="cover";
        btn1.style.backgroundColor="orangered";
    }
});
var usr=document.querySelector("usr");
var pass=document.querySelector("pass");
var btn3=document.querySelector("#btn3");
btn3.addEventListener("click",function(){
    if(document.getElementById("usr").value=="Admin" && document.getEle-
mentById("pass").value=="123"){
        alert("Login Successfully!");
        document.getElementById("login").reset();
    }
    else{
        alert("Login Failed!");
        document.getElementById("login").reset();
    }
});
```

Output





10.Instagram Clone

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Instagram Clone</title>
    <link rel="icon" type="x-images" href="insta1.jpeg">
    <link rel="stylesheet" href="instaClone.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css"/>
</head>
<body>
    <div class="card">
        <div class="like" id="like">
            <i class="fa-solid fa-heart"></i>
        </div>
        <div class="side-panel">
            <i class="fa-regular fa-heart"></i>
            <P>30k</P>
            <i class="fa-regular fa-comment"></i>
            <p>25k</p>
            <i class="fa-solid fa-share-nodes"></i>
            <p>1.2k</p>
        </div>
        <div class="post">
            <img id="post" src="insta_profile.gif">
        </div>
```

```html
        <div class="details">
            <div class="profile">

            </div>
            <p>Akshu_AK</p>
        </div>
        <div class="caption">
            <p>I'm not chasing anyone; I'm too busy chasing my
dreams.😎🕵️‍♀️🗐💯</p>
        </div>
    </div>

    <script src="instaClone.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    gap: 10px;
    background: gray;
}
.card{
    padding: 10px;
    width: 350px;
    height: 510px;
    border: none;
    border-radius: 8px;
    background: white;
    position: relative;
    box-shadow: 0px 1px 5px white;
}
.side-panel{
    position: absolute;
    height: 200px;
    width: 50px;
```

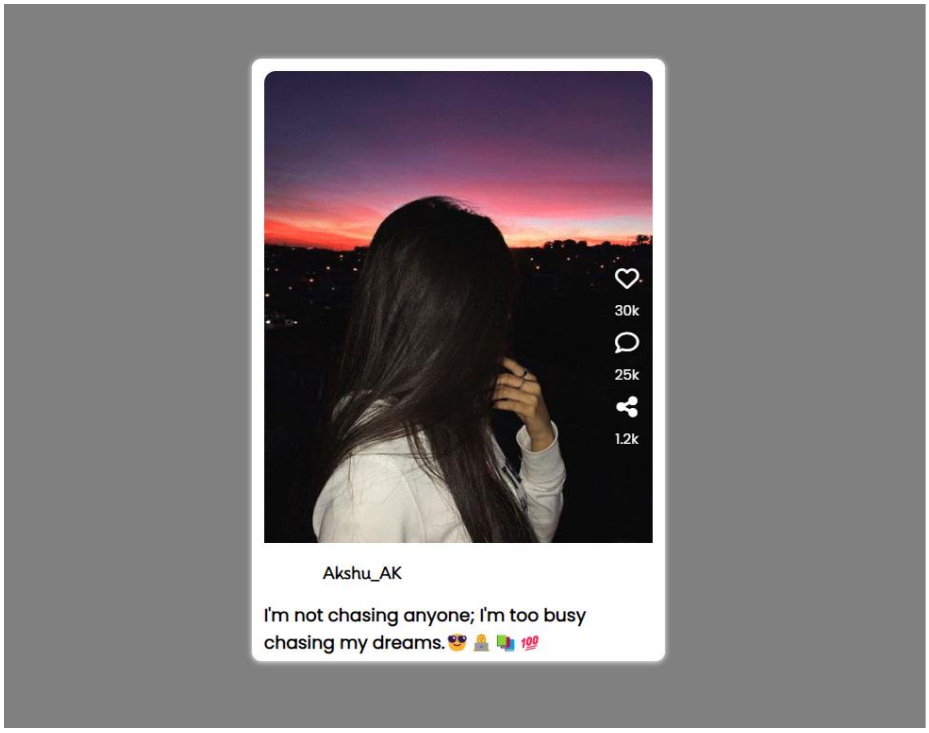
```
    background: red;
    right: 2%;
    top: 30%;
    display: flex;
    gap: 8px;
    background: transparent;
    flex-direction: column;
    align-items: center;
    justify-content: center;
}
.side-panel i{
    font-size: 20px;
    color: white;
}
.side-panel p{
    font-size: 12px;
    color: white;
}
.card .post{
    width: 100%;
    height: 400px;
}
.post img{
    width: 100%;
    height: 100%;
    object-fit: cover;
    border-top-right-radius: 10px;
    border-top-left-radius: 10px;
}
.card .details{
    width: 100%;
    height: 50px;
    display: flex;
    align-items: center;
    justify-content: start;
    gap: 10px;
}
.details .profile{
    width: 40px;
    height: 40px;
    background: white;
    border-radius: 100%;
    background: url('profile.jpg');
    background-size: cover;
}
.details p{
    font-size: 14px;
    font-weight: 900;
```

```
    font-family: Mooli;
}
.card .caption{
    width: 100%;
}
.caption p{
    font-size: 15px;
    font-weight: 700;
}
.card .like{
    position: absolute;
    left: 50%;
    bottom: 50%;
    transform: translate(-50%, -50%) rotate(15deg);
    width: 100px;
    height: 100px;
    background: transparent;
    opacity: 0;
}
.like i{
    font-size: 100px;
    color: red;
    transition: all ease-in 0.4s;
}
@keyframes bounce{
    to{
        transform: scale(0.6);
    }
    from{
        transform: scale(1.0);
    }
}
```

Script.js

```
var like=document.querySelector("#like");
var post=document.querySelector("#post");
like.addEventListener("dblclick",function(){
    like.style.opacity="1";
    like.style.animation="bounce linear infinite 2s";
    setTimeout(function(){
        like.style.opacity="0";
    },2000);
});
```

Output



11. Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Website 2</title>
        <link rel="stylesheet" href="website2.css">
        <link rel="icon" type="x-images" href="icon.png">
    </head>
    <body>
        <nav>
            <div class="menu">
                <div  class="logo">
                    <a href="#">Logo</a>
                </div>
                <ul>
                    <li><a href="#">Home</a></li>
                    <li><a href="#">About</a></li>
                    <li><a href="#">Services</a></li>
                    <li><a href="#">Contact</a></li>
                    <li><a href="#">Feedback</a></li>
                </ul>
            </div>
        </nav>
        <div class="img">

        </div>
        <div class="center">
```

```html
            <div class="title">Create Amazing Website</div>
            <div class="sub_title">Pure HTML & CSS Only</div>
            <div class="btns">
                <button>Learn More</button>
                <button>Subscribe</button>
            </div>
        </div>
    </body>
</html>
```

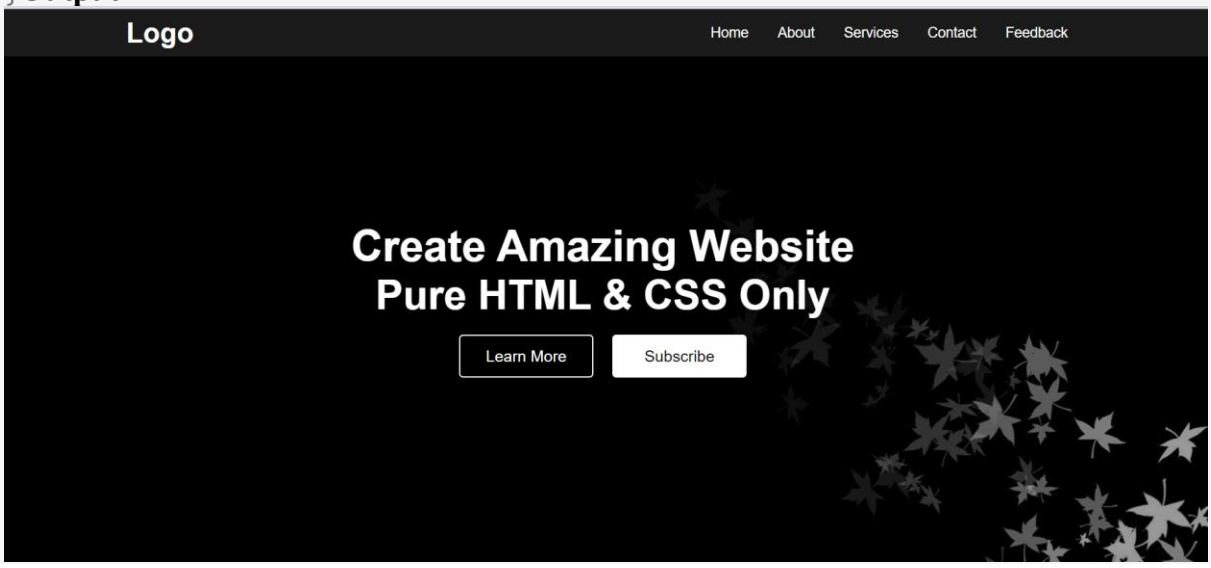
Style.css

```css
@import url('https://fonts.googleapis.com/css2?family=Poppins');
*{
    margin:0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Popins',sans-serif;
}
::selection{
    color: #000;
    background: #fff;
}
nav{
    position: fixed;
    background: #1b1b1b;
    width: 100%;
    padding: 10px 0;
    z-index: 20;
}
nav .menu{
    max-width: 1250px;
    margin: auto;
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 0 20px;
}
.menu .logo a{
    text-decoration: none;
    color: #fff;
    font-size: 35px;
    font-weight: 600;
}
.menu ul{
    display: inline-flex;
}
.menu ul li{
    list-style: none;
    margin-left: 7px;
```

```
}
.menu ul li:first-child{
    margin-left: 0px;
}
.menu ul li a{
    text-decoration: none;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    padding: 8px 15px;
    border-radius: 5px;
    transition: all 0.3s ease;
}
.menu ul li a:hover{
    background: #fff;
    color: black;
}
.img::before{
    content:'';
    position: absolute;
    height: 100%;
    width: 100%;
    background: rgba(0, 0, 0, 0.4);
}
.img{
    background: url('https://www.hdwallpapers.in/down-
load/white_leaves_on_side_with_dark_black_background_hd_black_aesthetic-
1920x1080.jpg')no-repeat;
    width: 100%;
    height: 100vh;
    background-size: cover;
    background-position: center;
    position: relative;
}
.center{
    position: absolute;
    top:52%;
    left: 50%;
    transform: translate(-50%,-50%);
    width: 100%;
    padding: 0 20px;
    text-align: center;
}
.center .title{
    color: #fff;
    font-size: 55px;
    font-weight: 600;
}
```

```
.center .sub_title{
    color: #fff;
    font-size: 52px;
    font-weight: 600;
}
.center .btns{
    margin-top: 20px;
}
.center .btns button{
    height: 55px;
    width: 170px;
    border-radius: 5px;
    border: none;
    margin: 0 10px;
    border: 2px solid white;
    font-size: 20px;
    font-weight: 500;
    padding: 0 10px;
    cursor: pointer;
    outline: none;
    transition: all 0.3s ease;
}
.center .btns button:first-child{
    color: #fff;
    background: none;
}
.btns button:first-child:hover{
    background: white;
    color: black;
}
.center .btns button:last-child{
    background: white;
    color: black;
}
```

Output



12.Toggling

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Toggling</title>
    <link rel="icon" type="x-images" href="icon.png">
    <link rel="stylesheet" href="toggle.css">
</head>
<body>
    <div class="header">
        <div class="logo">
            <h2>Company</h2>
        </div>
        <div class="nav">
            <a href="#">Home</a>
            <a href="#">About</a>
            <a href="#">Services</a>
            <a href="#">Products</a>
            <a href="#">Contact</a>
        </div>
        <div class="actions">
            <a href="#login">Login</a>
            <a href="#register">Register</a>
        </div>
    </div>
    <div class="background">
        <video autoplay loop muted>
            <source src="b1.mp4" type="video/mp4">
        </video>
    </div>
    <div id="login">
        <h2>Login</h2>
        <div class="input-field">
            <label>Username</label>
            <input type="email" placeholder="Username@gmail.com">
        </div>
        <div class="input-field">
            <label>Password</label>
            <input type="password" placeholder="Your password">
        </div>
        <div class="btn">
            <button>Login</button>
        </div>
    </div>
```

```html
    <div id="register">
        <h2>Register</h2>
        <div class="input-field1">
            <label>First Name</label><br>
            <input type="text" placeholder="Enter Your First Name">
        </div>
        <div class="input-field1">
            <label>Last Name</label><br>
            <input type="text" placeholder="Enter Your Last Name">
        </div>
        <div class="input-field1">
            <label>Email ID</label><br>
            <input type="text" placeholder="Enter Your Email">
        </div>
        <div class="input-field1">
            <label>Date Of Birth</label><br>
            <input type="date" placeholder="Enter Your DOB">
        </div>
        <div class="input-field1">
            <label>Password</label><br>
            <input type="password" placeholder="Enter Your Password">
        </div>
        <div class="btn">
            <button>Register</button>
        </div>
    </div>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
@import url('https://fonts.googleapis.com/css?family=Bungee Spice');
@import url('https://fonts.googleapis.com/css?family=Foldit');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
    /*overflow: hidden;*/
}
.header{
    width: 100%;
    height: 50px;
    display: flex;
    background-color: rgba(94, 2, 94, 0.986);
    align-items: center;
    justify-content:space-between;
    padding: 0% 5%;
```

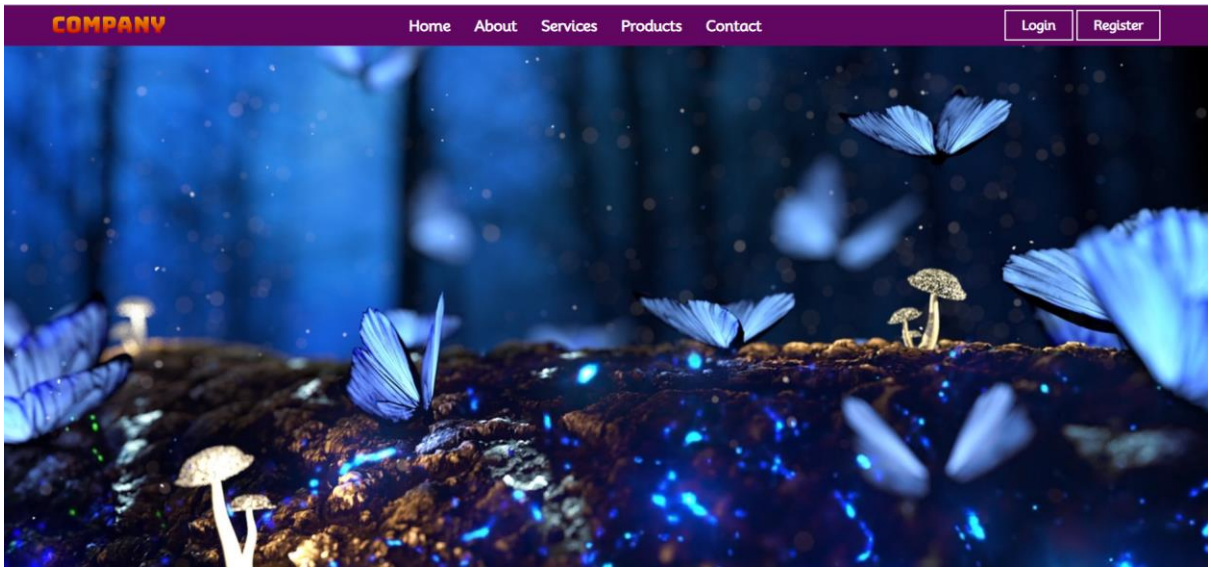
```
}
.logo h2{
    font-family: Bungee Spice;
    font-size: 28px;
}
.nav{
    display: flex;
    gap:30px;
}
.nav a{
    text-decoration: none;
    color: white;
    font-weight: 800;
    font-size: 18px;
    transition: ease 0.4s;
    font-family: Mooli;
}
.nav a:hover{
    color: aqua;
    cursor: pointer;
}
.actions a{
    background: transparent;
    color: white;
    text-decoration: none;
    border: 2px solid white;
    padding: 8px 20px;
    transition: ease 0.4s;
    font-weight: 700;
    font-family: Mooli;
    /*overflow: show;*/
}
.actions a:hover{
    background: white;
    cursor: pointer;
    color:  rgba(94, 2, 94, 0.986);
}
.background{
    width: 100%;
    height: 650px;
}
.background video{
    width: 100%;
    height: 100%;
    object-fit: cover;
}
#login{
    display: none;
```

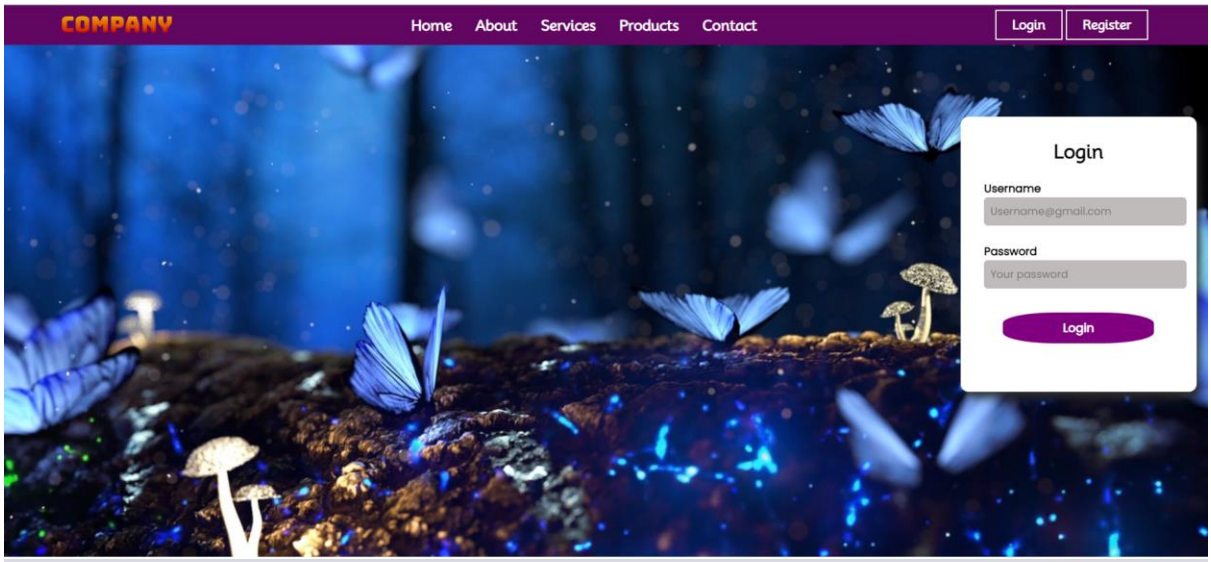
```
}
#login:target{
    position: absolute;
    right: 1%;
    top: 20%;
    width: 300px;
    height: 350px;
    background: white;
    border-radius: 10px;
    box-shadow: 5px 8px 12px rgb(46, 45, 45);
    display: block;
    padding: 20px;
    transition: ease-out 0.2s;
    animation: anim linear alternate 0.4s;
}
@keyframes anim{
    from{
        /*transform: translateY(200px);
        opacity:0.4;
        transform: scale(0.4);*/
        transform: rotate(0deg);
    }
    to{
        /*transform:translateY(0px) ;
        opacity: 1;
        transform: scale(1);*/
        transform: rotate(359deg);
    }
}
#login h2{
    font-family: Mooli;
    text-align: center;
    padding: 10px;
}
#login .input-field{
    display: block;
    padding: 10px;
}
.input-field label{
    font-size: 14px;
    font-weight: 700;
}
.input-field input{
    border: none;
    background: rgb(190, 187, 187);
    outline: none;
    width: 257px;
    padding: 8px;
```

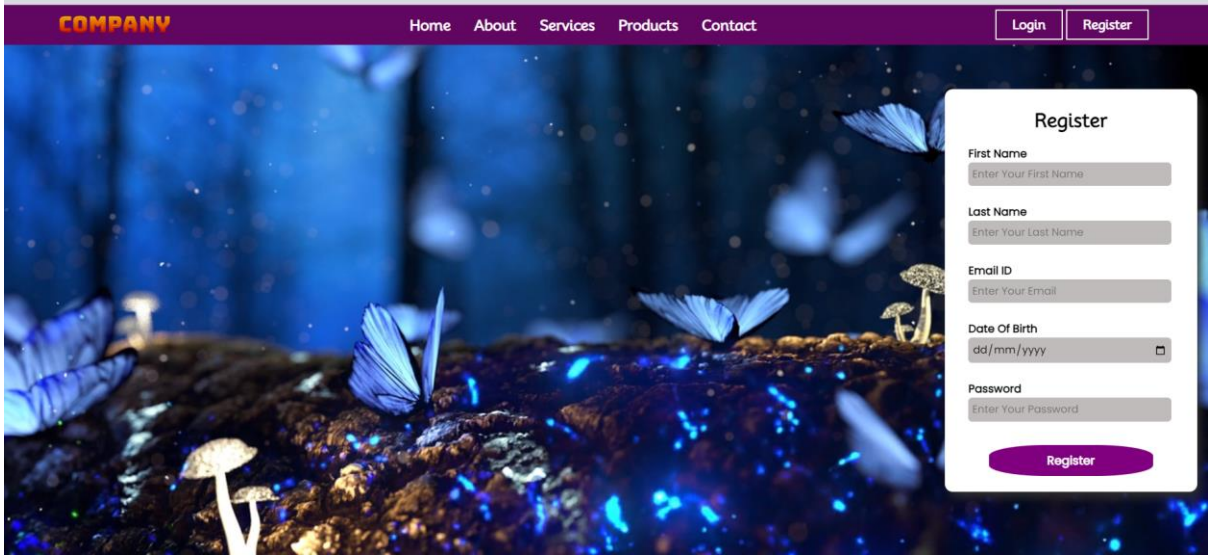
```
    border-radius: 5px;
    transition: ease 0.4s;
}
.input-field input:focus{
    box-shadow: 0px 0px 8px purple;
    background: transparent;
}
.btn{
    text-align: center;
    padding: 10px;
}
.btn button{
    width: 80%;
    padding: 8px;
    border: none;
    outline: none;
    background: purple;
    color: white;
    font-size: 15px;
    font-weight: 600;
    border-radius: 35%;
    margin-top:
10px;

}
.btn button:hover{
    transform: scale(1.07);
    cursor: pointer;
}
#register{
    display: none;
}
#register:target{
    position: absolute;
    right: 1%;
    top: 15%;
    width: 320px;
    height: 510px;
    background: white;
    border-radius: 10px;
    box-shadow: 5px 8px 12px rgb(46, 45, 45);
    display: block;
    padding: 20px;
    transition: ease-out 0.2s;
    animation: anim linear alternate 0.4s;
}
#register h2{
    font-family: Mooli;
```

```
    text-align: center;
    padding: 5px;
}
#register .input-field1{
    display: block;
    padding: 10px;
}
.input-field1 label{
    font-size: 14px;
    font-weight: 700;
}
.input-field1 input{
    border: none;
    background: rgb(190, 187, 187);
    outline: none;
    width: 257px;
    padding: 5px;
    border-radius: 5px;
    transition: ease 0.4s;
}
.input-field1 input:focus{
    box-shadow: 0px 0px 8px purple;
    background: transparent;
}
```

Output







13.Click

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Click Using Javascript</title>
    <link rel="stylesheet" href="click.css"><link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awe-
some/6.4.2/css/all.min.css" integrity="sha512-
z3gLpd7yknf1YoNbCzqRKc4qyor8gaKU1qmn+CShxbuBusANI9QpRohGBreCFkKxL-
hei6S9CQXFEbbKuqLg0DA==" crossorigin="anonymous" referrerpolicy="no-referrer"
/>
</head>
<body>
    <button onclick="modal()">Click Me !!</button>
```

```html
    <div class="fade"></div>
    <div class="modal">
        <button onclick="closemodal()" class="close">
            <i class="fa-solid fa-rectangle-xmark"></i>
        </button>
    </div>
    <script src="click.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    width: 100vw;
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
}
button{
    padding: 10px 20px;
    font-size: 1.2rem;
    font-weight: 550;
    background: transparent;
    border: none;
    border-radius: 5px;
    box-shadow: 0px 0px 5px rgba(0, 0, 0, 0.5);
    transition: all ease 0.2s;
    font-weight: 600;
}
button:hover{
    cursor: pointer;
    background: rgb(132, 251, 132);
    color: white;
}
.fade, .modal{
    visibility: hidden;
}
.fade{
    position: absolute;
    width: 100%;
    height: 100%;
    left: 0%;
```

```
    background: rgba(0, 0, 0, 0.5);
    transition: all ease-in 0.4s;
    z-index: 5;
}
.modal{
    position: absolute;
    width: 50%;
    height: 400px;
    background: white;
    z-index: 10;
    border-radius: 5px;
    left: 50%;
    top: 50%;
    transform: translate(-50%, -50%);
}
.modal .close{
    position: absolute;
    top: 1%;
    right: 1%;
    font-size: 1rem;
    box-shadow: none;
    padding: 0;
    z-index: 15;
}
.close i{
    font-size: 1.5rem;
}
.close:hover{
    background: black;
    color: white;
}
```

Output

14.Responsive Website

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Responsive Website</title>
    <link rel="stylesheet" href="fa-faBarResponsive.css">
    <link rel="icon" type="x-images" href="icon.png">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css"/>
    <script>
        function task(){
            var menu=document.getElementById("menu");
            var nav=document.getElementById("nav");
            var icon=document.getElementById("icon");
            if(icon.classList.contains("fa-bars")){
                nav.classList.remove("nav");
                nav.classList.add("mobile-view");
                icon.classList.remove("fa-bars");
                icon.classList.add("fa-xmark");
                icon.style.animation="rotate1 linear 0.5s";
            }
            else{
                nav.classList.remove("mobile-view");
                nav.classList.add("nav");
                icon.classList.remove("fa-xmark");
```

```
                icon.classList.add("fa-bars");
                icon.style.animation="rotate linear 0.5s";
            }
        }
        function task1(){
            var nav=document.getElementById("nav");
            var icon=document.getElementById("icon");
            nav.classList.remove("mobile-view");
                nav.classList.add("nav");
                icon.classList.remove("fa-xmark");
                icon.classList.add("fa-bars");
                icon.style.animation="rotate linear 0.5s";
        }
    </script>
</head>
<body>
    <div class="header">
        <div class="logo">
            <h2>Lead<span>Soft</span></h2>
        </div>
        <button id="menu" onclick="task()">
            <i id="icon" class="fa-solid fa-bars"></i>
        </button>
        <div class="nav" id="nav">
            <a href="#home" onclick="task1()">Home</a>
            <a href="#about" onclick="task1()">About</a>
            <a href="#products" onclick="task1()">Products</a>
            <a href="#services" onclick="task1()">Services</a>
            <a href="#contact" onclick="task1()">Contact</a>
        </div>
    </div>
    <div class="container" id="home" style="background: darksalmon;">
        Home
    </div>
    <div class="container" id="about" style="background: lightblue;">
        About
    </div>
    <div class="container" id="services" style="background: lightpink;">
        Services
    </div>
    <div class="container" id="products" style="background: lightgreen;">
        Products
    </div>
    <div class="container" id="contact" style="background: lightseagreen;">
        Contact
    </div>

</body>
```

```html
</html>
```

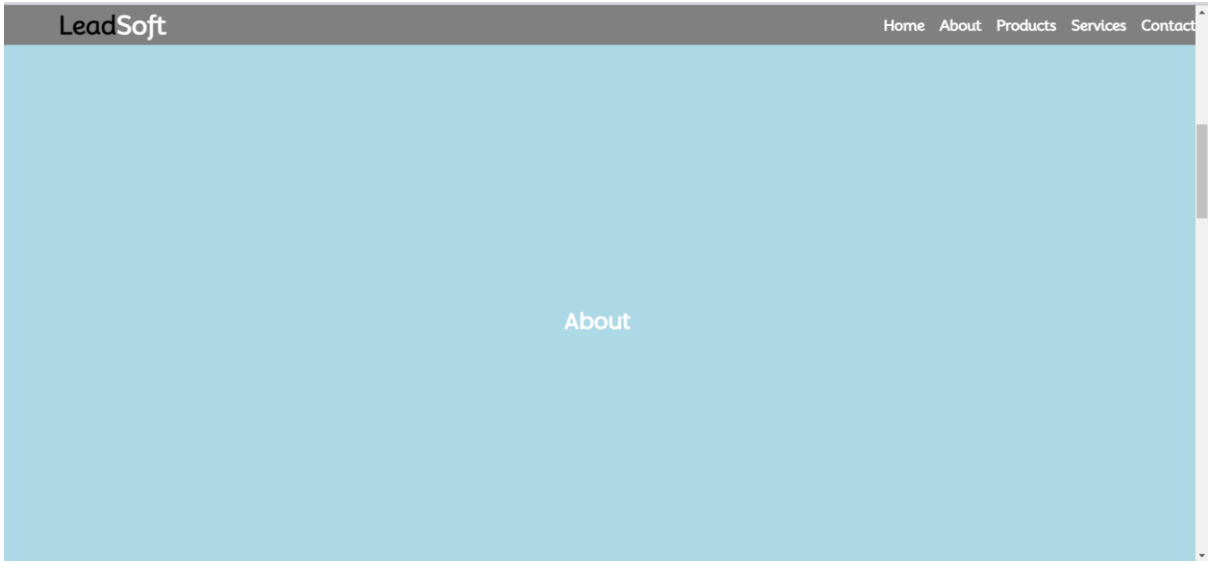
Style.css

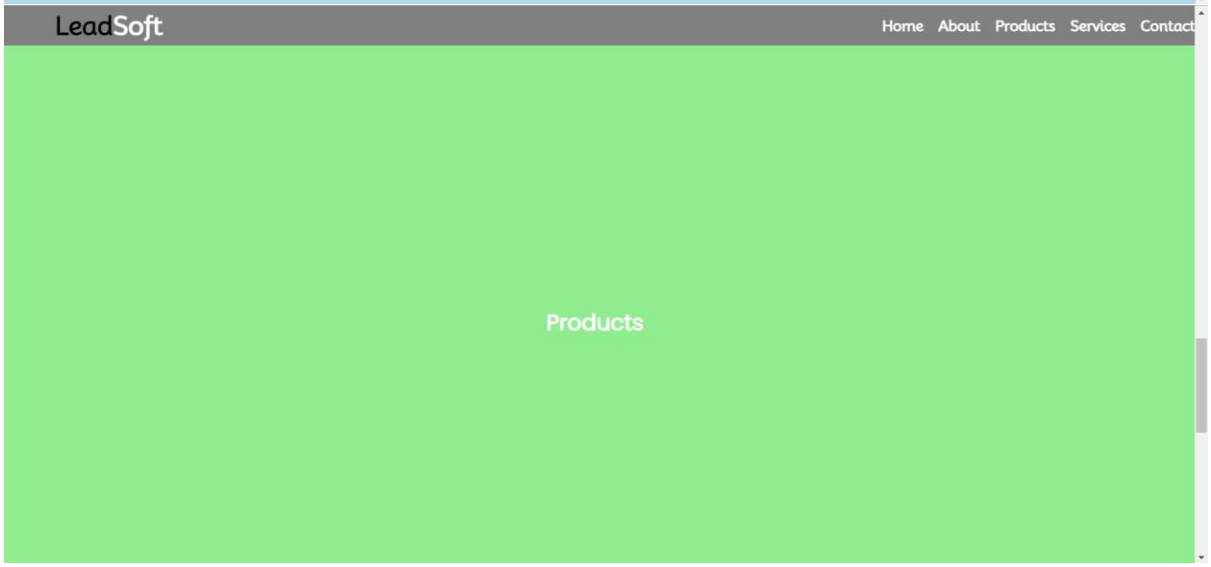
```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.header{
    width: 100%;
    height: 50px;
    position: fixed;
    display: flex;
    background: gray;
    align-items:center;
    justify-content: space-between;
    padding: 0% 5%;
}
.logo h2{
    font-family: Mooli;
    font-size: 32px;
    transition: ease-in 0.4s;
}
.logo h2:hover{
    color: rgb(251, 214, 7);
    cursor: pointer;
}
.logo span{
    font-family: Mooli;
    font-size: 32px;
    color: white;
    transition: ease-in 0.4s;
}
.logo span:hover{
    color: aqua;
    cursor: pointer;
}
.nav{
    display: flex;
    gap: 6%;
}
.nav a{
    text-decoration: none;
    color: white;
    font-size: 18px;
    font-weight: 600;
```

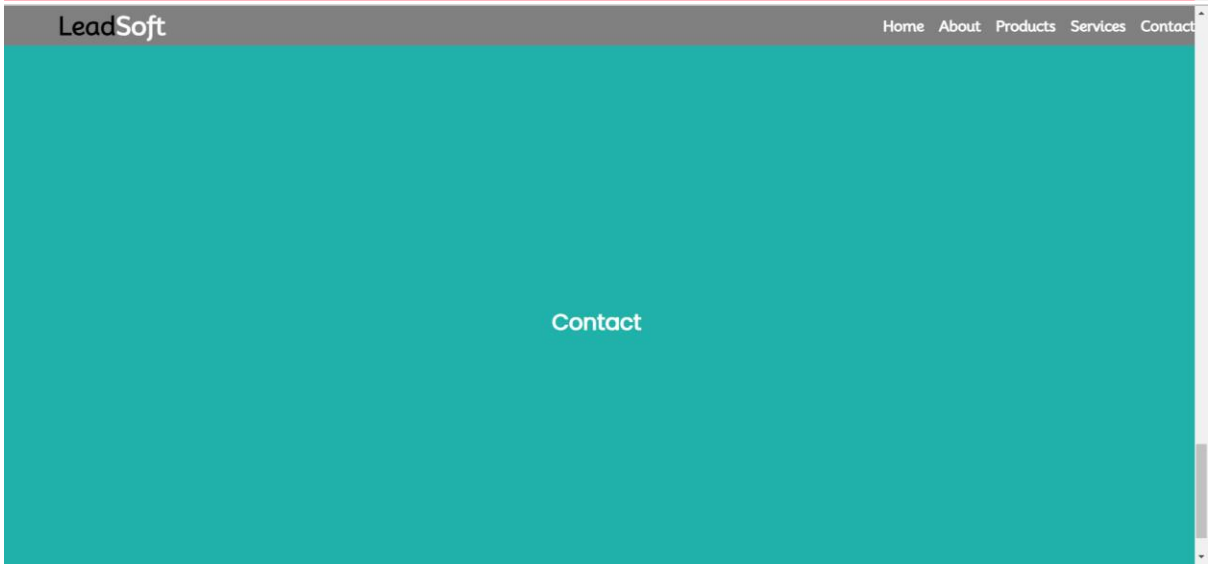
```
    font-family: Mooli;
    transition: ease-in 0.4s;
}
.nav a:hover{
    color: black;
    cursor: pointer;
}
.container{
    width: 100%;
    height: 800px;
    display: flex;
    justify-content: center;
    align-items: center;
    color: white;
    font-size: 28px;
    font-weight: 600;
}
@media screen and (max-width:850px) {
    .logo h2{
        font-size:18px ;
    }
    .logo span{
        font-size: 18px;
    }
    .nav a{
        font-size: 14px;
    }
    .header button{
        display: block !important;
    }
    .header .nav{
        display: none;
    }
}
.header button{
    border: none;
    outline: none;
    padding: 10px;
    background: gray;
    display: none;
}
button i{
    font-size: 20px;
    color:white;
    transition: all ease-in 0.4s;
    animation: rotate linear 0.8s;
}
button:hover{
```

```
    cursor: pointer;;
}
@keyframes rotate{
    to{
        transform: rotate(270deg);
    }
}
@keyframes rotate1{
    to{
        transform: rotate(-270deg);
    }
}
.mobile-view{
    position: absolute;
    display: flex;
    flex-direction: column;
    background: gray;
    right: 0%;
    top: 100%;
    padding: 15px;
    width: 100%;
}
.mobile-view a{
    color: white;
    text-align: center;
    text-decoration: none;
    margin: 5px;
    border-bottom: 3px solid white;
}
```

Output


LeadSoft
Home
About
Products
Services
Contact
About


LeadSoft
Home
About
Products
Services
Contact
Products



15.Grid Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Home</title>
        <link rel="stylesheet" href="website.css">
        <link rel="icon" type="x-images" href="icon.png">
    </head>
    <body>
        <div class="header">
            <h2>Website</h2>
        </div>
        <div class="content">
            <div class="nav">
                <a class="active">Home</a>
                <a href="about.html">About us</a>
```

```
                <a href="services.html">Services</a>
                <a href="contact.html">Contact us</a>
            </div>
            <div class="background">
                <img src="bg1.jpg">
            </div>
            <div class="content1">
                <div class="row">
                    <img src="bg.jpg">
                    <div>
                        <p>Lorem ipsum dolor sit amet consectetur, adipisicing
elit. Iste pariatur non sequi nam aspernatur voluptatibus similique ut expli-
cabo, quia, dolorum temporibus saepe nihil? Repellat, ea consequatur fugit sa-
piente nostrum blanditiis!</p><br>
                        <p>Lorem ipsum dolor sit amet consectetur, adipisicing
elit. Iste pariatur non sequi nam aspernatur voluptatibus similique ut expli-
cabo, quia, dolorum temporibus saepe nihil? Repellat, ea consequatur fugit sa-
piente nostrum blanditiis!</p>

                    </div>
                </div>
                <div class="row">
                    <div>
                        <p>Lorem ipsum dolor sit amet consectetur adipisicing
elit. Unde repudiandae sunt atque debitis cumque inventore, vitae autem, con-
sequatur, minus magnam culpa. Necessitatibus voluptatem ad repellat quidem
quam excepturi eius doloribus.</p><br>
                        <p>Lorem ipsum dolor sit amet consectetur adipisicing
elit. Unde repudiandae sunt atque debitis cumque inventore, vitae autem, con-
sequatur, minus magnam culpa. Necessitatibus voluptatem ad repellat quidem
quam excepturi eius doloribus.</p>

                    </div>
                    <img src="bg.jpg">
                </div>
            </div>
        </div>
        <div class="footer">
            <div class="social">
                <h4>Social Links</h4>
                <a>Youtube</a>
                <a>Google+</a>
                <a>Instagram</a>
                <a>Facebook</a>
            </div>
            <div class="blogs">
                <h4>Social Links</h4>
                <a>Youtube</a>
```

```
                <a>Google+</a>
                <a>Instagram</a>
                <a>Facebook</a>
            </div>
            <div class="address">
                <h4>Address</h4>
                <p>Shree Siddheshwar Women's College of Engineering, Rupa Bha-
vani Peth, Solapur</p>
            </div>
        </div>
    </body>
</html>
```

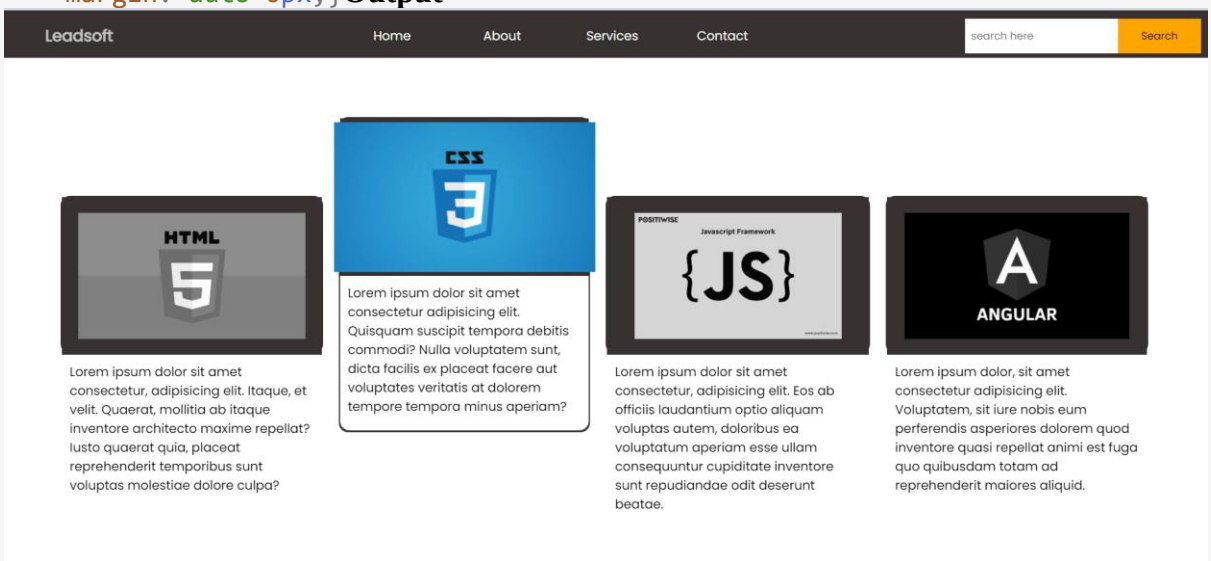
Style.css

```
*{
    margin: 0;
    padding: 0;
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}
.header{
    width: 100%;
    background-color:rgb(147, 56, 233);
    color: white;
    height: 50px;
    text-align: center;
}
.header h2{
    padding: 8px;
}
.content{
    width: 90%;
    margin: 0px auto;
    padding: 10px;
    background-color: aliceblue;
}
.nav{
    display: flex;
    column-gap: 20px;
    width: 100%;
    justify-content: center;
}
.nav a{
    padding: 15px;
    text-decoration: none;
}
.nav a:hover{
    background-color: blueviolet;
    color: white;
    cursor: pointer;
```

```
}
.active{
    background-color: blueviolet;
    color: white;
    cursor: pointer;
}
.background img{
    width:100%;
    height: 600px;
    margin-top: 10px;
    background-size: cover;
    background-position: center;
    background-repeat: no-repeat;
}
.content1{
    width: 100%;
    height: 750px;
    background-color:antiquewhite;
}
.content1 .row{
    display: flex;
    width: 80%;
    margin: 20px auto;
    height: 350px;
}
.row img{
    width: 50%;
    border-top-right-radius: 12px;
    border-bottom-left-radius: 12px;
}
.row p{
    padding: 10px0;
}
.footer{
    width:100%;
    height: 250px;
    background-color: rgb(197, 151, 241);
    color: white;
    margin-top: 20px;
    display: flex;
}
.footer .social{
    width: 30%;
    height: 100%;
    display: flex;
    flex-direction: column;
    justify-content: center;
}
```

```
.social a{
    margin-top: 12px;
    margin-left: 30px;
}
.social h4{
    margin-left: 30px;
    background-color: white;
    color: black;
    width:100px;
    text-align: center;
}
.footer .blogs{
    width: 30%;
    height: 100%;
    display: flex;
    flex-direction: column;
    justify-content: center;
}
.blogs a{
    margin-top: 12px;
    margin-left: 30px;
}
.blogs h4{
    margin-left: 30px;
    background-color: white;
    color: black;
    width:100px;
    text-align: center;
}
.footer .address{
    width: 40%;
    text-align:center;
    border: 2px solid black;
    margin: auto 0px;}
```

Output



16. Javascript Validation

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Javascript Validation</title>
    <link rel="stylesheet" href="JSValidation.css">

</head>
<body>
    <div class="container">
        <h1>Form Validation Using Javascript</h1>
    </div>
    <div class="flex-container">
        <div class="card">

        </div>
        <div class="card">
            <h1>Register Here !</h1>
            <div class="formData">
                <div class="input-field">
                    <input type="text" placeholder="First Name" id="first-
Name">
                </div>
                <div class="input-field">
                    <input type="text" placeholder="Last Name" id="lastName">

                </div>
                <div class="input-field">
                    <input type="email" placeholder="Email Address"
id="emailAddress">

                </div>
                <div class="input-field">
                    <input type="number" placeholder="Mobile Number" id="mo-
bileNumber">

                </div>
                <div class="input-field">
                    <p id="errorMessage"></p>
                    <button onclick="validate()">Submit</button>
                </div>
            </div>
        </div>
    </div>
```

```
    <script src="JSValidation.js"></script>
</body>
</html>
```

Style.css

```
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin:0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.container{
    width: 100%;
    padding: 0.5% 5%;
    background: #33A2FF;
    color: white;
    text-align: center;
    margin-bottom: 15px;
}
.container h1{
    text-transform: capitalize;
    font-family: Mooli;
    font-size: 25px;
}
.flex-container{
    width: 100%;
    padding: 0.5% 5%;
    display: flex;
    align-items: center;
    justify-content: center;
    gap: 15px;
}
.flex-container .card{
    width: 100%;
    height: 450px;

}
.flex-container .card:first-child{
    background: url('register1.png')no-repeat;
    background-position: center;
    background-size: contain;
}
.flex-container .card:last-child{
    display: block;
    padding: 0% 5%;
}
.flex-container .card h1{
```

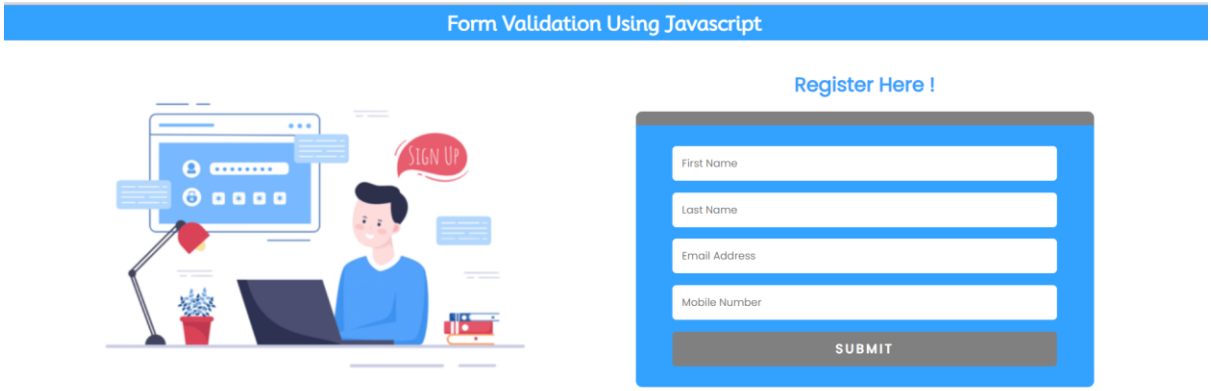
```
    text-align: center;
    font-size: 25px;
    padding: 15px;
    color: #33A2FF;
}
.card .formData{
    padding: 1% 0%;
    background: #33A2FF;
    border-radius: 8px;
    color: white;
    height: 350px;
    border-top: 18px solid grey;
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
    gap:15px;
}
.formData .input-field{
    padding: 0% 8%;
    flex: 0 0 auto;
    width: 100%;
}
.input-field input{
    width: 100%;
    padding: 12px;
    border: none;
    border-radius: 5px;
    transition: all ease-in 0.4s;
}
.input-field input:focus{
    outline: none;
}
.input-field button{
    width: 100%;
    padding: 10px 0px;
    font-size: 16px;
    font-weight: 750;
    text-transform: uppercase;
    letter-spacing: 3px;
    background: grey;
    color: white;
    border: none;
    border-radius: 5px;
}
#errorMessage {
    color: white;
    font-weight: 650;
```

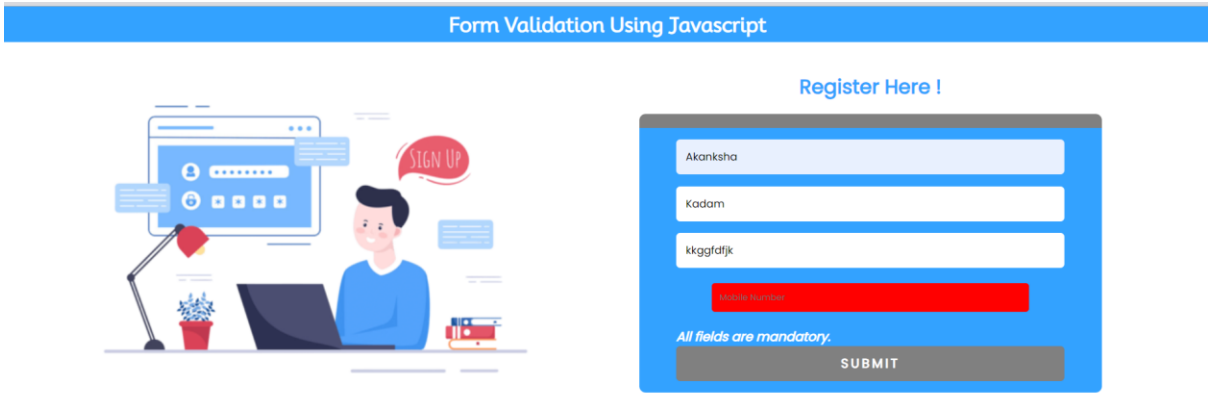
```
    font-style: italic;
}
@keyframes errorAnimation{
    0%{
        transform: scale(1.05);
        background: red;
    }
    50%{
        transform: scale(0.8);
        background: red;
    }
    100%{
        transform: scale(1);
    }
}
```

Script.js

```
function validate(){
    var firstName=document.querySelector("#firstName");
    var lastName=document.querySelector("#lastName");
    var emailAddress=document.querySelector("#emailAddress");
    var mobileNumber=document.querySelector("#mobileNumber");
    var errorMessage=document.querySelector("#errorMessage")
    if(firstName.value=="" || lastName.value=="" || emailAddress=="" || mo-
bileNumber.value==""){
        //console.log("All fields are mandatory.");
        errorMessage.innerHTML="All fields are mandatory.";
        if(firstName.value==""){
            firstName.style.animation="errorAnimation linear 2s";
        }
        else if(lastName.value==""){
            lastName.style.animation="errorAnimation linear 2s";
        }
        else if(emailAddress.value==""){
            emailAddress.style.animation="errorAnimation linear 2s";
        }
        else if(mobileNumber.value==""){
            mobileNumber.style.animation="errorAnimation linear 2s";
        }
    }
    else{
        errorMessage.innerHTML="";
    }
}
```

Output





17.RootElement Website

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="icon" type="x-images" href="icon.png">
    <link rel="stylesheet" href="rootElementEx.css">
    <title>Using Root Element</title>
</head>
<body>
    <div class="header">
        <div class="logo">
            <h2>Lead<span>Soft</span></h2>
        </div>
```

```html
        <div class="nav">
            <a href="#home">Home</a>
            <a href="#about">About</a>
            <a href="#services">Services</a>
            <a href="#products">Products</a>
            <a href="#contact">Contact</a>
        </div>
    </div>
    <div class="container" id="home">
        <h2>Home</h2>
        <div class="content">
            <div class="item1">

            </div>
            <div class="item2">
                <div class="card">
                    <img src="html2.png">
                    <p>Lorem, ipsum dolor sit amet consectetur adipisicing
elit. Officia sunt atque tempora labore cumque sint, eveniet fugiat. Pariatur
sed, ducimus officiis qui, ad iusto distinctio ex dignissimos mollitia mi-
nus.</p>
                </div>
                <div class="card">
                    <img src="css2.png">
                    <p>Lorem ipsum dolor sit, amet consectetur adipisicing
elit. Adipisci delectus rem placeat numquam distinctio nobis, ea optio. Odit
nisi eum fuga quo. Commodi, suscipit. Eum, velit autem. Minus, quas mol-
litia.</p>
                </div>
                <div class="card">
                    <img src="js4.png">
                    <p>Lorem ipsum, dolor sit amet consectetur adipisicing
elit. Totam, perferendis labore at commodi quo, pariatur quia in fuga quod as-
sumenda itaque est fugit libero consequuntur ad aliquid eveniet! Quae,
rem.</p>
                </div>
            </div>
        </div>
    </div>
    <div class="container" id="about">
        <h2>About us</h2>
        <div class="content">
            <div class="text">
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Sapiente necessitatibus, dignissimos amet praesentium quia quod dolorum illum
laboriosam cumque labore iste dolore? Velit obcaecati cumque praesentium con-
sequuntur quia aperiam nemo.</p>
```

```
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.
Fugiat esse corporis, iste voluptas sunt alias rem ex, earum sapiente fuga il-
lum ad modi eum quia assumenda ipsam, est ab doloribus.</p>
            </div>
            <div class="background">

            </div>
        </div>
    </div>
    <div class="container" id="services">
        <h2>Our Services</h2>
        <div class="content" style="gap:25px;">
            <div class="card1"><p>Service 1</p></div>
            <div class="card1"><p>Service 2</p></div>
            <div class="card1"><p>Service 3</p></div>
            <div class="card1"><p>Service 4</p></div>
        </div>
    </div>
    <div class="container" id="products">
        <h2>Our Products</h2>
        <div class="content" style="gap:25px;">
            <div class="card1"><p>Product 1</p></div>
            <div class="card1"><p>Product 2</p></div>
            <div class="card1"><p>Product 3</p></div>
            <div class="card1"><p>Product 4</p></div>
        </div>
    </div>
    <div class="contact" id="contact">
        <div class="banner">

        </div>
        <div class="form">
            <div class="element">
                <div class="input-field">
                    <label>First Name</label>
                    <input type="text" placeholder="Enter first name">
                </div>
                <div class="input-field">
                    <label>Last Name</label>
                    <input type="text" placeholder="Enter last name">
                </div>
            </div>
            <div class="element">
                <div class="input-field">
                    <label>Email Address</label>
                    <input type="email" placeholder="john@gmail.com">
                </div>
                <div class="input-field">
```

```html
                    <label>Mobile No</label>
                    <input type="number" placeholder="0123456789">
                </div>
            </div>
            <div class="element1">
                <div class="input-field">
                    <label>Requirements</label>
                    <textarea class="tx"></textarea>
                </div>
            </div>
            <div class="btn">
                <button>Submit</button>
            </div>
        </div>
    </div>
    <div class="footer">
        <p>&copy;Designed by, Akanksha</p>
    </div>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
@import url('https://fonts.googleapis.com/css?family=Caprasimo');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
    scroll-behavior: smooth;

}
body{
    overflow: hidden;
}
:root{
    --primary:rgb(49, 130, 130);
    --secondary:rgb(205, 42, 107);
}
.header{
    width: 100%;
    height: 50px;
    position: fixed;
    top:0%;
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 0% 5%;
```

```
    background: var(--primary);
    color: #fff;
    z-index: 2;
    box-shadow: 0px 7px 10px gray;
}
.logo h2{
    color: var(--secondary);
    font-family: Caprasimo;
}
h2 span{
    color:rgb(2, 212, 254);
    font-family: Caprasimo;
}
.nav{
    display: flex;
    gap:30px;
}
.nav a{
    text-decoration: none;
    font-weight: 650;
    color: #fff;
    transition: ease-in 0.4s;
}
.nav a:hover{
    color: var(--secondary);
    cursor: pointer;
}
.container{
    width: 100%;
    padding: 55px 20px;
    display: block;
}
.container h2{
    font-family: Mooli;
    font-size: 30px;
    text-align: center;
    padding: 10px;
}
.container .content{
    display: flex;
    align-items: center;
    justify-content: center;
    width: 100%;
    height: 350px;
    background: white;
    gap: 10px;
}
.content .item1{
```

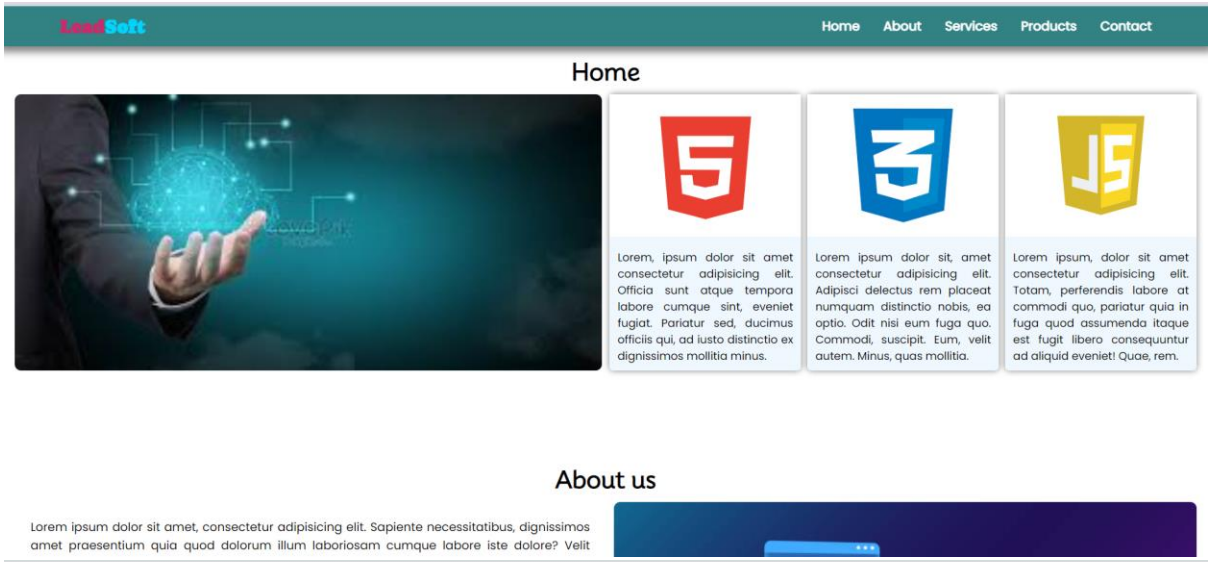
```
    width: 100%;
    height: 100%;
    background: url('im.jpeg') no-repeat;
    background-position: center;
    background-size: cover;
    border-radius: 8px;
}
.content .item2{
    width: 100%;
    height: 100%;
    display: flex;
    gap: 8px;
}
.item2 .card{
    width: 100%;
    height: 100;
    background: aliceblue;
    border-radius: 5px;
    box-shadow: 0px 0px 8px gray;
    transition: ease-in 0.4s;
}
.card img{
    width: 100%;
    height: 180px;
    object-fit: contain;
    background: #fff;
    padding: 8px;
}
.card p{
    font-size: 14px;
    padding: 10px;
    text-align: justify;
}
.item2 .card:hover{
    transform: scale(1.02);
    box-shadow: 0px 0px 8px silver;
    cursor: pointer;
}
.content .text{
    padding: 10px;
    width: 100%;
    height: 100%;
}
.text p{
    font-size: 15px;
    text-align: justify;
    padding: 10px;
}
```

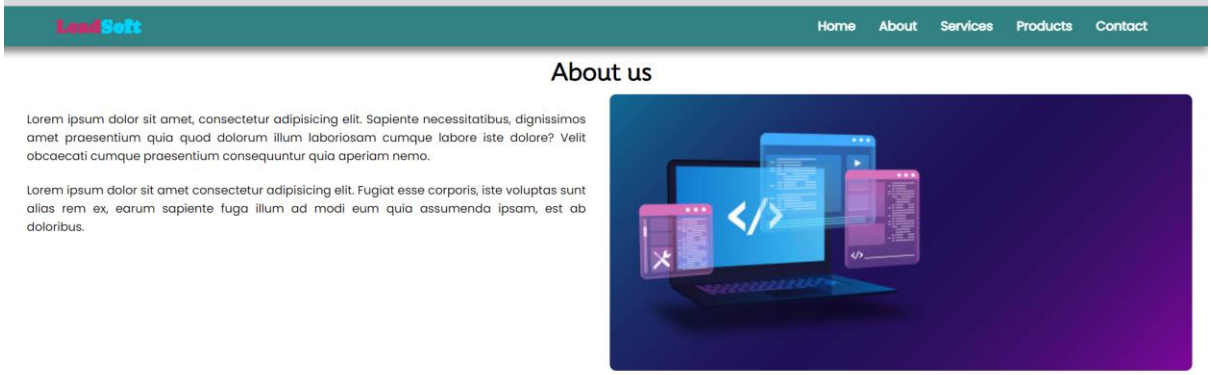
```
.content .background{
    width: 100%;
    height: 100%;
    background: url('bg1.jpg') no-repeat;
    background-position: center;
    background-size: cover;
    border-radius: 8px;
}
.content .card1{
    width: 100%;
    height: 100%;
    text-align: center;
    background: darkcyan;
    border-radius: 8px;
    transition: ease-in 0.4s;
}
.content .card1:nth-child(odd){
    background: var(--secondary);
    transition: ease-in 0.4s;
}
.card1 p{
    font-size: 20px;
    font-weight: 650;
    color: #fff;
    padding-top: 150px;
}
.content .card1:nth-child(even):hover{
    box-shadow: 2px 5px 10px black ;
    cursor: pointer;
    transform: rotate(5deg);
}
.content .card1:nth-child(odd):hover{
    box-shadow: 2px 5px 10px black ;
    cursor: pointer;
    transform: rotate(-5deg);
}
.contact{
    display:flex;
    gap:10px;
    padding: 20px;
    background: var(--secondary);
}
.contact .banner{
    width: 100%;
    height: 350px;
    background:url('contact.jpg') no-repeat ;
    background-size: cover;
    background-position: center;
```

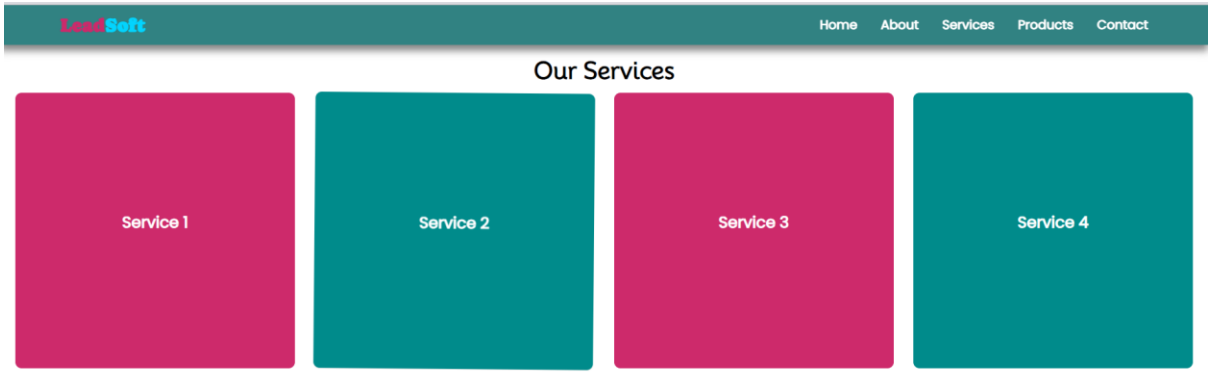
```
}
.contact .form{
    width: 100%;
    border-radius: 8px;
    height: 350px;
    border: 2px solid white;
    padding: 15px;
}
.form .element{
    display: flex;
    gap: 10px;
}
.element .input-field{
    display: block;
    padding: 10px;
    color: #fff;
}
.input-field label{
    font-size: 12px;
    font-weight: 600;
}
.input-field input{
    width: 300px;
    outline: none;
    border: none;
    border-radius: 5px;
    background: gray;
    padding: 10px;
}
.input-field input::placeholder{
    color: #fff;
}
.form .element1{
    display: block;
    padding: 10px;
    color: #fff;
}
.input-field .tx{
    outline: none;
    border: none;
    border-radius: 5px;
    background: gray;
    padding: 8px;
    width: 100%;
}
.form .btn{
    text-align: center;
    padding: 10px;
```

```
}
.btn button{
    width: 150px;
    padding: 4px;
    font-size: 15px;
    font-weight: 500;
    outline: none;
    border: none;
    background: var(--primary);
    color: #fff;
    box-shadow: 2px 2px 8px white;
}
.footer{
    background-color:var(--primary);
    color: white;
    text-align: center;
    width: 100%;
    height: 50px;
}
.footer p{
    padding: 10px;
}
```

Output


LeadSoft
Home
About
Services
Products
Contact
Home
Lorem, ipsum dolor sit amet consectetur adipisicing elit. Officia sunt atque tempora labore cumque sint, eveniet fugiat. Pariatur sed, ducimus officiis qui, ad iusto distinctio ex dignissimos mollitia minus.
Lorem ipsum dolor sit, amet consectetur adipisicing elit. Adipisci delectus rem placeat numquam distinctio nobis, ea optio. Odit nisi eum fuga quo. Commodi, suscipit. Eum, velit autem. Minus, quas mollitia.
Lorem ipsum, dolor sit amet consectetur adipisicing elit. Totam, perferendis labore at commodi quo, pariatur quia in fuga quod assumenda itaque est fugit libero consequuntur ad aliquid eveniet! Quae, rem.
About us
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Sapiente necessitatibus, dignissimos amet praesentium quia quod dolorum illum laboriosam cumque labore iste dolore? Velit


LeadSoft
Home
About
Services
Products
Contact
About us
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Sapiente necessitatibus, dignissimos amet praesentium quia quod dolorum illum laboriosam cumque labore iste dolore? Velit obcaecati cumque praesentium consequuntur quia aperiam nemo.
Lorem ipsum dolor sit amet consectetur adipisicing elit. Fugiat esse corporis, iste voluptas sunt alias rem ex, earum sapiente fuga illum ad modi eum quia assumenda ipsam, est ab doloribus.



18.Scroll Using JS

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Scrolling Effect By JS</title>
    <link rel="stylesheet" href="scrolljs.css">
</head>
<body>
    <div class="container">
        Scroll Down 👇
    </div>
    <div class="flex-container">
        <div class="card">

        </div>
        <div class="card">
```

```html
        </div>
        <div class="card">

        </div>
    </div>
    <div class="flex-container1">
        <div class="card">

        </div>
        <div class="card">

        </div>
        <div class="card">

        </div>
    </div>
</body>
<script src="scrolljs.js"></script>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    background: palevioletred;
}
.container{
    width: 100%;
    height: 500px;
    background: palevioletred;
    font-size: 55px;
    display: flex;
    align-items: center;
    justify-content: center;
    font-weight: 800;
}
.flex-container, .flex-container1{
    background: whitesmoke;
    width: 100%;
    height: 450px;
    padding: 1% 8%;
    display: flex;
    align-items: center;
```

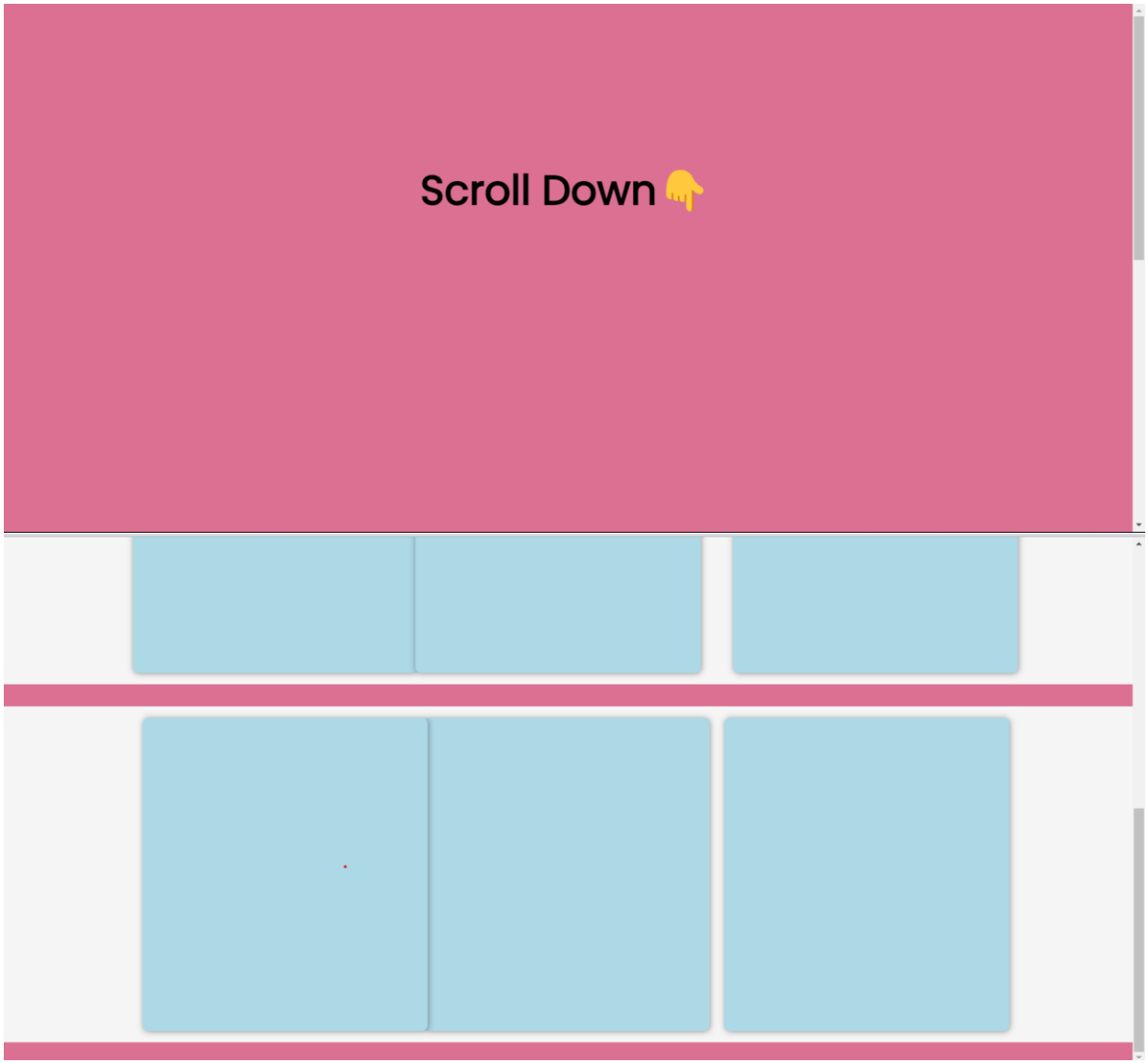
```
    justify-content: center;
    gap:20px;
    margin-bottom: 30px;
    transition: all ease 0.4s;
    opacity: 0;
}
.active{
    opacity: 1;
}
.left{
    animation: animation1 linear 1s;
}
.right{
    animation: animation2 linear 1s;
}
.flex-container .card, .flex-container1 .card{
    flex:0 0 30%;
    background: lightblue;
    height: 100%;
    border-radius: 8px;
    box-shadow: 1px 1px 8px rgba(0, 0, 0, 0.4);
    transition: all ease 0.4s;
}
@keyframes animation1{
    from{
        transform: translateX(-100px);
    }
    to{
        transform: translateX(0px);
    }
}
@keyframes animation2{
    from{
        transform: translateX(100px);
    }
    to{
        transform: translateX(0px);
    }
}
```

Script.js

```
window.addEventListener("scroll",function(){
    var container=this.document.querySelector(".flex-container");
    var cards=this.document.querySelectorAll(".flex-container .card");
    console.log(cards);
    var windowHeight=window.innerHeight;
    var visible=200;
    var elementTop=container.getBoundingClientRect().top;
    for(var i=0;i<cards.length;i++){
```

```
        if(elementTop<windowHeight-visible){
            console.log("visible");
            if(i%2==0){
                cards[i].classList.add("right");
            }
            else{
                cards[i].classList.add("left");
            }
            container.classList.add("active");
        }
        else{
            if(cards[i].classList.contains("left")){
                cards[i].classList.remove("left");
            }
            if(cards[i].classList.contains("right")){
                cards[i].classList.remove("right");
            }
            container.classList.remove("active");
        }
    }
    var container=this.document.querySelector(".flex-container1");
    var cards=this.document.querySelectorAll(".flex-container1 .card");
    console.log(cards);
    var  windowHeight=this.window.innerHeight;
    var visible=200;
    var elementTop=container.getBoundingClientRect().top;
    for(var i=0;i<cards.length;i++){
        if(elementTop<windowHeight-visible){
            if(i%2==0){
                cards[i].classList.add("right");
            }
            else{
                card[i].classList.add("left");
            }
            container.classList.add("active");
        }
        else{
            if(cards[i].classList.contains("left")){
                cards[i].classList.remove("left");
            }
            if(cards[i].classList.contains("right")){
                cards[i].classList.remove("right");
            }
            container.classList.remove("active");
        }
    }
})
```

Output



19. Image Slider

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Slider</title>
    <link rel="stylesheet" href="slider.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css"/>
</head>
<body>
    <div class="container">
        <h1>Image Slider Using Javascript</h1>
    </div>
    <div class="slider">
```

```html
        <img class="slide" src="Images/bk1.avif" alt="">
        <img class="slide" src="Images/bk2.jpg" alt="">
        <img class="slide" src="Images/bk3.avif" alt="">
        <img class="slide" src="Images/bk4.png" alt="">
        <img class="slide" src="Images/bk5.webp" alt="">
    <button id="btnPrev">
        <i class="fa-solid fa-arrow-left"></i>
    </button>
    <button id="btnNext">
        <i class="fa-solid fa-arrow-right"></i>
    </button>
    </div>
    <script src="slider.js"></script>
</body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.container{
    width: 100%;
    text-align: center;
    padding: 0.3% 0%;
    color: white;
    background: lightsteelblue;
}
.slider{
    overflow: hidden;
    position: relative;
    width: 65%;
    height: 500px;
    margin: 25px auto;
    border: 5px solid gray;
    border-radius: 5px;
    box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.4);
}
.slider .slide{
    position: absolute;
    width: 100%;
    height: 100%;
    object-fit: fill;
}
.slider button{
    position: absolute;
```

```
    z-index: 1;
    top: 50%;
    background: rgba(0, 0, 0, 0.8);
    width: 40px;
    height: 40px;
    border-radius: 50%;
    color: white;
    font-size: 1rem;
    border: none;
}
.slider button:hover{
    cursor: pointer;
    background: rgba(0, 0, 0, 0.5);
}
#btnPrev{
    left: 1%;
}
#btnNext{
    right: 1%;
}
```

Script.js

```
var btnPrev=document.querySelector("#btnPrev")
var btnNext=document.querySelector("#btnNext")
var counter=0;
var slides=document.querySelectorAll(".slide")
console.log(slides)
slides.forEach(function(slide,index){
    slide.style.left=`${index*100}%`;
})
btnPrev.addEventListener("click",function(){
    counter--;
    if(counter<0){
        counter=0;
    }
    slides.forEach(function(slide){
        slide.style.transform=`translateX(-${counter*100}%)`
    })
})
btnNext.addEventListener("click",function(){
    counter++;
    if(counter>4){
        counter=0;
    }
    slides.forEach(function(slide){
        slide.style.transform=`translateX(-${counter*100}%)`
    })
})
function sliding(){
```

```
    counter++;
    if(counter>4){
        counter=0;
    }
    slides.forEach(function(slide){
        slide.style.transform=`translateX(-${counter*100}%)`
    })
}
setInterval(sliding,3000)
```

Output

20. Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Website 4</title>
        <link rel="icon" type="x-images" href="icon.png">
```

```
        <link rel="stylesheet" href="website4.css">
        <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awe-
some@4.7.0/css/font-awesome.min.css">
    </head>
    <body>
        <div class="header">
            <h2>Lead<span>Soft</span></h2>
            <div class="nav">
                <ul>
                    <li><a href="#">Home</a></li>
                    <li><a href="#">About</a></li>
                    <li><a href="#">Pages <i class="fa fa-caret-down"></i></a>
                        <div class="drop-down">
                            <ul>
                                <li><a href="#">Pricing</a></li>
                                <li><a href="#">Portfolio</a></li>
                                <li><a href="#">Team</a></li>
                                <li><a href="#">FAQs</a></li>
                            </ul>
                        </div></li>
                    <li><a href="#">Blogs</a></li>
                    <li><a href="#">Contact</a></li>
                </ul>
            </div>
        </div><br><br>
        <div class="background">
            <h3><span>Best</span>Training Center</h3>
        </div>
        <div class="content">
            <div class="card">
                <div class="image">
                    <img src="html1.png">
                </div>
                <div class="desc">
                    <p>Lorem ipsum dolor sit amet consectetur, adipisicing
elit. Itaque, et velit. Quaerat, mollitia ab itaque inventore architecto max-
ime repellat? Iusto quaerat quia, placeat reprehenderit temporibus sunt volup-
tas molestiae dolore culpa?</p>
                </div>
            </div>
            <div class="card">
                <div class="image">
                    <img src="css1.jpg">
                </div>
                <div class="desc">
                    <p>Lorem ipsum dolor sit amet consectetur adipisicing
elit. Quisquam suscipit tempora debitis commodi? Nulla voluptatem sunt, dicta
```

```
facilis ex placeat facere aut voluptates veritatis at dolorem tempore tempora
minus aperiam?</p>
                </div>
            </div>
            <div class="card">
                <div class="image">
                    <img src="js3.png">
                </div>
                <div class="desc">
                    <p>Lorem ipsum dolor sit amet consectetur, adipisicing
elit. Eos ab officiis laudantium optio aliquam voluptas autem, doloribus ea
voluptatum aperiam esse ullam consequuntur cupiditate inventore sunt repudian-
dae odit deserunt beatae.</p>
                </div>
            </div>
            <div class="card">
                <div class="image">
                    <img src="ang.png">
                </div>
                <div class="desc">
                    <p>Lorem ipsum dolor, sit amet consectetur adipisicing
elit. Voluptatem, sit iure nobis eum perferendis asperiores dolorem quod in-
ventore quasi repellat animi est fuga quo quibusdam totam ad reprehenderit ma-
iores aliquid.</p>
                </div>
            </div>
        </div>
        <div class="footer">
            <p>&copy;Designed by, Akanksha</p>
        </div>
    </body>
</html>
```

Style.css

```
@import url('https://fonts.googleapis.com/css2?family=Young Serif');
@import url('https://fonts.googleapis.com/css2?family=Poppins');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.header{
    position: fixed;
    width:100%;
    height: 50px;
    background: darkcyan;
    display: flex;
    align-items: center;
```

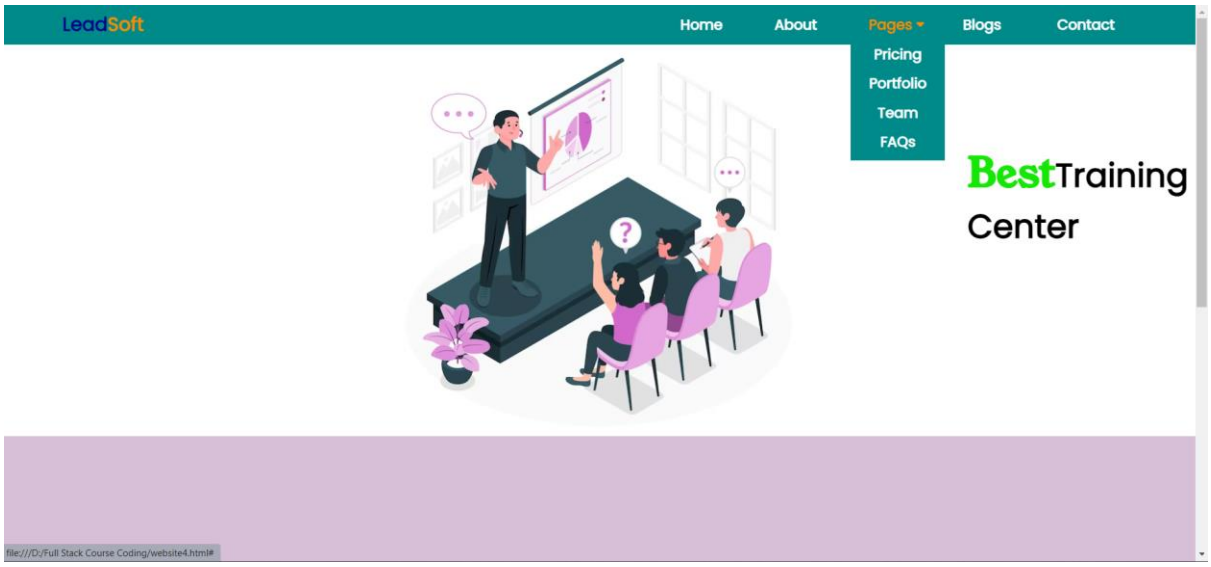
```
    justify-content: space-between;
    padding: 0 5%;
    z-index: 2;
}
.header h2{
    text-align: center;
    color: darkblue;
}
.header span{
    color: darkorange;
}
.nav ul{
    display: flex;
    gap:20px;
    list-style: none;
}
.nav ul li{
    width: 100px;
}
.nav ul li a{
    text-decoration: none;
    color: white;
    font-size: 18px;
    font-weight: 650;
    transition: ease 0.3s;
}
.nav ul li a:hover{
    color: darkorange;
    cursor: pointer;
}
.drop-down{
    display: none;
}
.nav ul li:hover .drop-down{
    display:block;
    position: absolute;
    right:21%;
    background: darkcyan;
    z-index:-1;
}
.drop-down ul{
    display: block;
}
.drop-down ul li{
    margin: 10px;
    text-align: center;
}
.background{
```

```
    background: url('train.avif') no-repeat;
    background-position: center;
    background-size: contain;
    width: 100%;
    height: 500px;
}
.background span{
    color: darkblue;
    font-family: Young Serif;
    font-size: 52px;
    font-weight: 900;
    transform: ease 0.4s;
    animation: textAnimation linear infinite 0.4s;
}
.background h3{
    width: 260px;
    text-wrap: wrap;
    position: absolute;
    right: 2%;
    top:25%;
    font-size: 42px;
}
@keyframes textAnimation{
    0%{
        color: darkcyan;
    }
    25%{
        color: brown;
    }
    50%{
        color: lime;
    }
    100%{
        color: crimson;
    }
}
.content{
    width: 100%;
    height: 700px;
    margin: 0px auto;
    display: grid;
    grid-template-columns: auto auto auto auto;
    column-gap: 20px;
    align-items: center;
    background-color: thistle;
}
.content .card{
    width: 100%;
```

```
    background: rgb(55, 50, 50);
    height: 200px;
    border-radius: 12px;
    transition: ease-out 0.4s;
    display: grid;
    grid-template-rows: 200px 200px;
    border:2px solid rgb(55, 50, 50);
}
.content .card:hover{
    height:400px;
    cursor: pointer;
}
.card .image{
    background-color:rgb(55, 50, 50) ;
    width: 100%;
    height: 100%;
}
.card .icon{
    padding: 10px;
    height: 200px;
    background: rgb(83,80,75);
    overflow: hidden;
}
.card .icon img{
    width: 100%;
    height: 100%;
    object-fit:fill;
    filter: grayscale(10);
    transition: ease-in 0.5s;
}
.card .desc{
    background-color: white;
    padding: 10px;
    width: 100%;
    height: 98%;
    border-bottom-left-radius: 12px;
    border-bottom-right-radius: 12px;
}
.image img{
    padding: 20px;
    width: 100%;
    height: 100%;
    object-fit: contain;
    filter: grayscale(10);
    transition: ease 0.5s;
}
.image img:hover{
    filter: grayscale(0);
```

```
    transform: scale(1.2);
    cursor: pointer;
}
.desc p{
    font-size: 16px;
}
.footer{
    background-color: cadetblue;
    color: white;
    text-align: center;
    width: 100%;
    height: 50px;
}
.footer p{
    font-family: Poppins;
    padding: 10px;
}
```

Output



21.Grid Template Website

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Grid Template Column</title>
    <link role="icon" type="x-images" href="icon.png">
    <link rel="stylesheet" href="grid_template_col.css">
    <script src="https://cdnjs.cloud-
flare.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
    <script>
```

```
        function loading(){
            $('.main').fadeOut("slow");
        }
    </script>
</head>
<body onload="setTimeout(loading,5000)">
    <div class="main">
        <div id="loader">

        </div>
    </div>
    <div class="container">
        <h1>Our Services</h1>
        <div class="content">
            <div class="item"><p>Service 1</p></div>
            <div class="item"><p>Service 2</p></div>
            <div class="item"><p>Service 3</p></div>
            <div class="item"><p>Service 4</p></div>
            <div class="item"><p>Service 5</p></div>
            <div class="item"><p>Service 6</p></div>
            <div class="item"><p>Service 7</p></div>
            <div class="item"><p>Service 8</p></div>
            <div class="item"><p>Service 9</p></div>
            <div class="item"><p>Service 10</p></div>
            <div class="item"><p>Service 11</p></div>
            <div class="item"><p>Service 12</p></div>
            <div class="item"><p>Service 13</p></div>
            <div class="item"><p>Service 14</p></div>
            <div class="item"><p>Service 15</p></div>
        </div>
    </div>
    <div class="container" style="background: white;">
        <h1>About</h1>
        <div class="content1">
            <div class="background">

            </div>
            <div class="text">
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.
Sint veritatis, officiis error odio, similique aut fugit porro libero placeat
fugiat quo! Veniam quibusdam, rerum aliquid molestias esse id quae? Ab.</p>
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.
Fugit saepe tempore, numquam explicabo placeat blanditiis tenetur autem exer-
citationem veniam cumque. Pariatur harum temporibus similique optio sapiente
obcaecati saepe quod inventore.</p>
            </div>
        </div>
    </div>
```

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

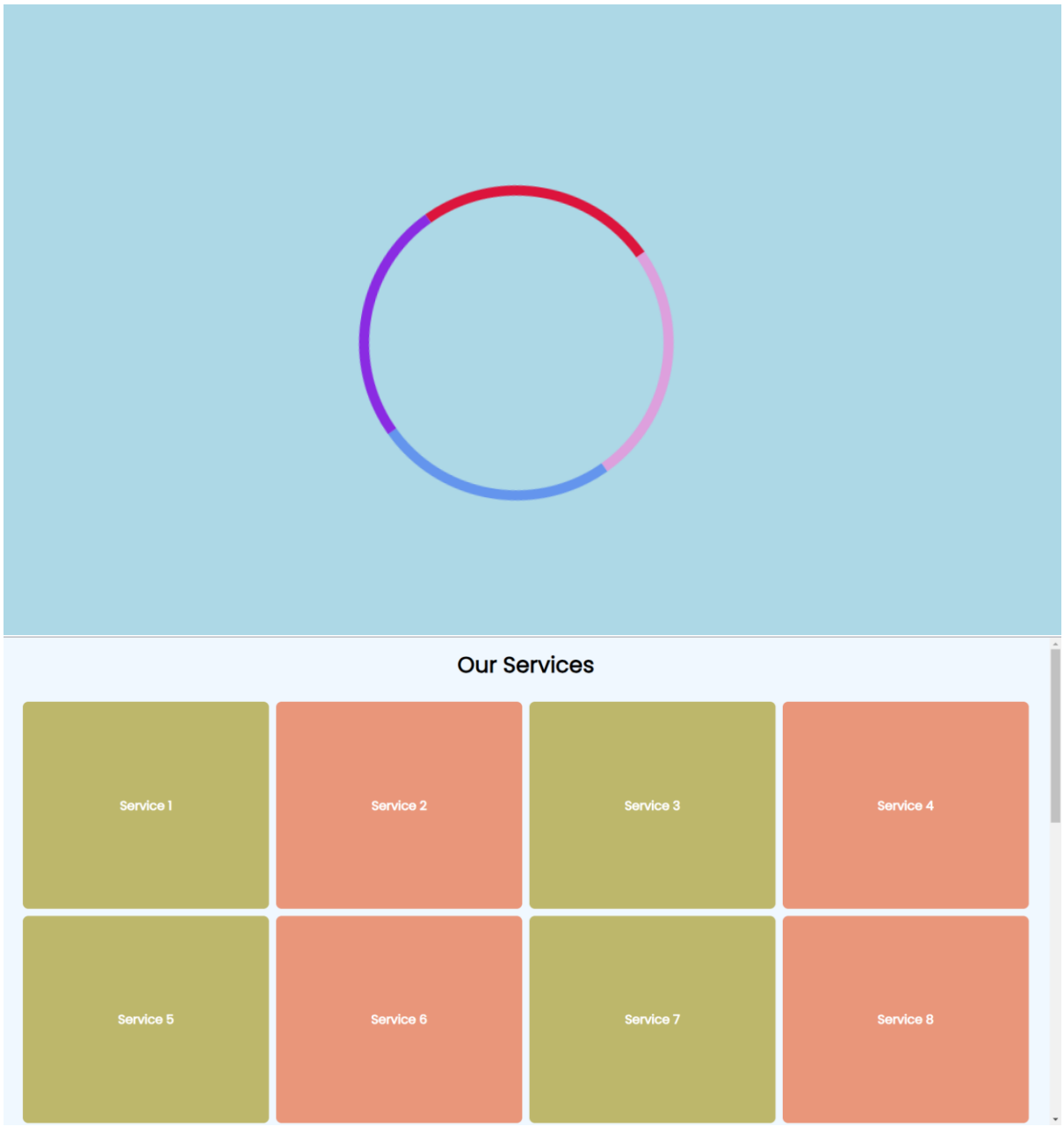
Style.css

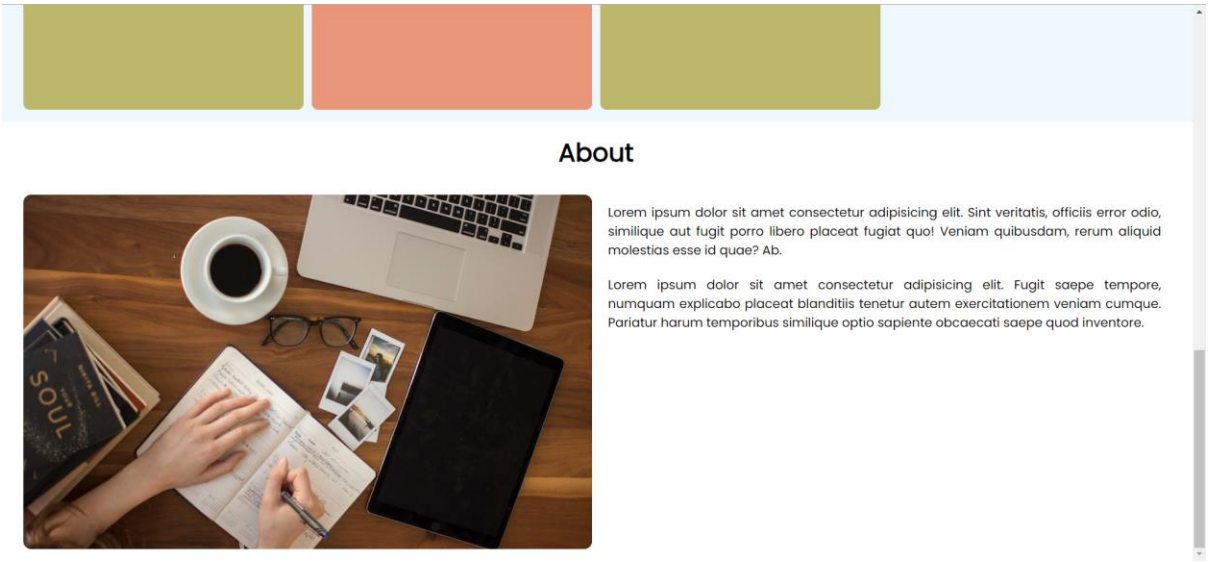
```
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.container{
    width: 100%;
    background: aliceblue;
    padding: 1% 0%;
    display: block;
}
.container h1{
    text-align: center;
}
.container .content{
    display: grid;
    padding: 0% 2%;
   /* grid-template-columns: 1fr 1fr 2fr 1fr 1.5fr;*/
    grid-template-columns: repeat(auto-fit, minmax(300px,1fr));
    gap: 10px;
    padding-top: 30px;
}
.content .item:nth-child(even){
    width: 100%;
    height: 300px;
    background: darksalmon;
    display: flex;
    align-items: center;
    justify-content: center;
    border-radius: 8px;
}
.content .item:nth-child(odd){
    width: 100%;
    height: 300px;
    background: darkkhaki;
    display: flex;
    align-items: center;
    justify-content: center;
    border-radius: 8px;
}
.item p{
    font-size: 18px;
```

```
    font-weight: 700;
    color: white;
}
.container .content1{
    display: grid;
    padding: 0% 2%;
    grid-template-columns: repeat(auto-fit, minmax(380px,1fr));
    gap: 10px;
    padding-top: 30px;
}
.content1 .background{
    background: url('back.jpeg');
    background-position: center;
    background-size: cover;
    background-repeat: no-repeat;
    height: 450px;
    border-radius: 10px;
}
.content1 .text{
    height: 450px;
}
.text p{
    padding: 10px;
    text-align: justify;
}
.main{
    display: flex;
    align-items: center;
    justify-content: center;
    width: 100%;
    height: 100%;
    background: lightblue;
    position: absolute;
}
#loader{
    width: 250px;
    height: 250px;
    border-radius: 50%;
    background: transparent;
    border:  8px solid red;
    border-right-color: plum;
    border-left-color: blueviolet;
    border-top-color: crimson;
    border-bottom-color: cornflowerblue;
    transition: all ease-in 0.4s;
    animation: anim linear infinite 0.5s;
}
@keyframes anim{
```

```
    100%{
        transform: rotate(360deg);
    }
}
```

Output





22.JS inset Function

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Javascript Overflow with the help of inset</title>
    <link rel="icon" type="x-images" href="icon.png">
    <link rel="stylesheet" href="js_inset_fun.css">
    <script>
        function loading(){
            document.body.style.overflow="auto";
            var animation=document.getElementsByClassName("animation");
            animation[0].style.display="none";
            var main=document.getElementsByClassName("main");
            console.log(main);
            main[0].style.display="block";
        }
    </script>
</head>
<body onload="setTimeout(loading,3000)">
    <div class="animation">
        <div class="loader">

        </div>
    </div>
    <div class="main">
        <div class="header">
            <div class="logo">
                <h2>Leadsoft</h2>
            </div>
```

```html
            <div class="nav">
                <a href="#">Home</a>
                <a href="#">About</a>
                <a href="#">Services</a>
                <a href="#">Products</a>
                <a href="#">Contact</a>
            </div>
        </div>
        <div class="content">
            <h1>Our Services</h1>
            <div class="container">
                <div class="item"><p>Service 1</p></div>
                <div class="item"><p>Service 2</p></div>
                <div class="item"><p>Service 3</p></div>
                <div class="item"><p>Service 4</p></div>
                <div class="item"><p>Service 5</p></div>
                <div class="item"><p>Service 6</p></div>
                <div class="item"><p>Service 7</p></div>
                <div class="item"><p>Service 8</p></div>
                <div class="item"><p>Service 9</p></div>
                <div class="item"><p>Service 10</p></div>
                <div class="item"><p>Service 11</p></div>
                <div class="item"><p>Service 12</p></div>
                <div class="item"><p>Service 13</p></div>
                <div class="item"><p>Service 14</p></div>
                <div class="item"><p>Service 15</p></div>
            </div>
        </div>
        <div class="footer">
            <p>&copy; Designed By, Akanksha</p>
        </div>
    </div>

</body>
</html>
```

Style.css

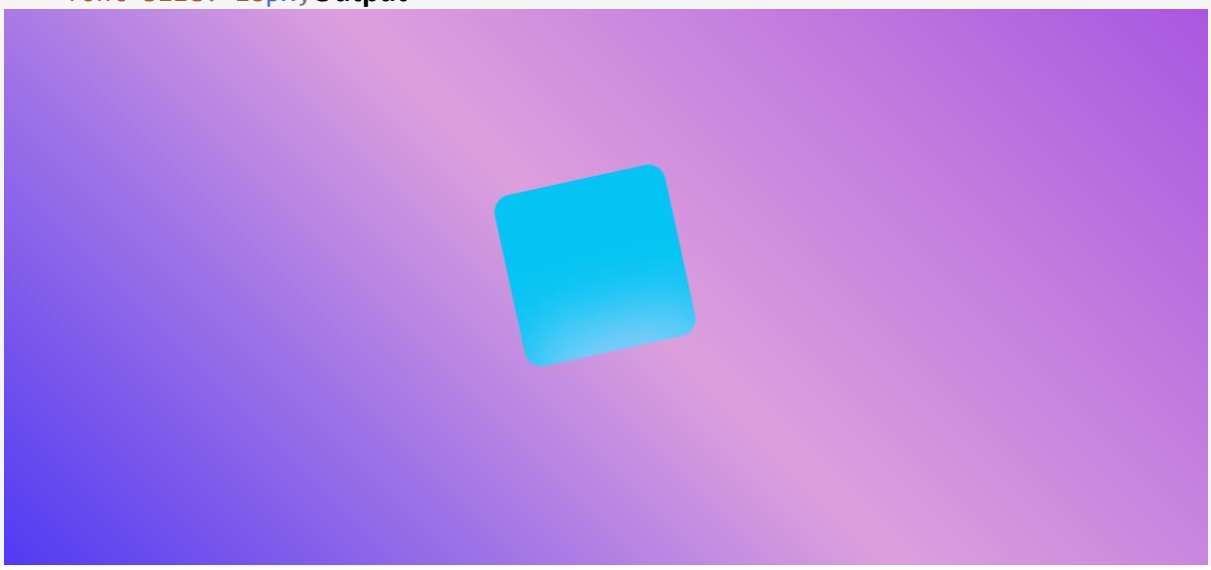
```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
body{
    overflow: hidden;
}
```

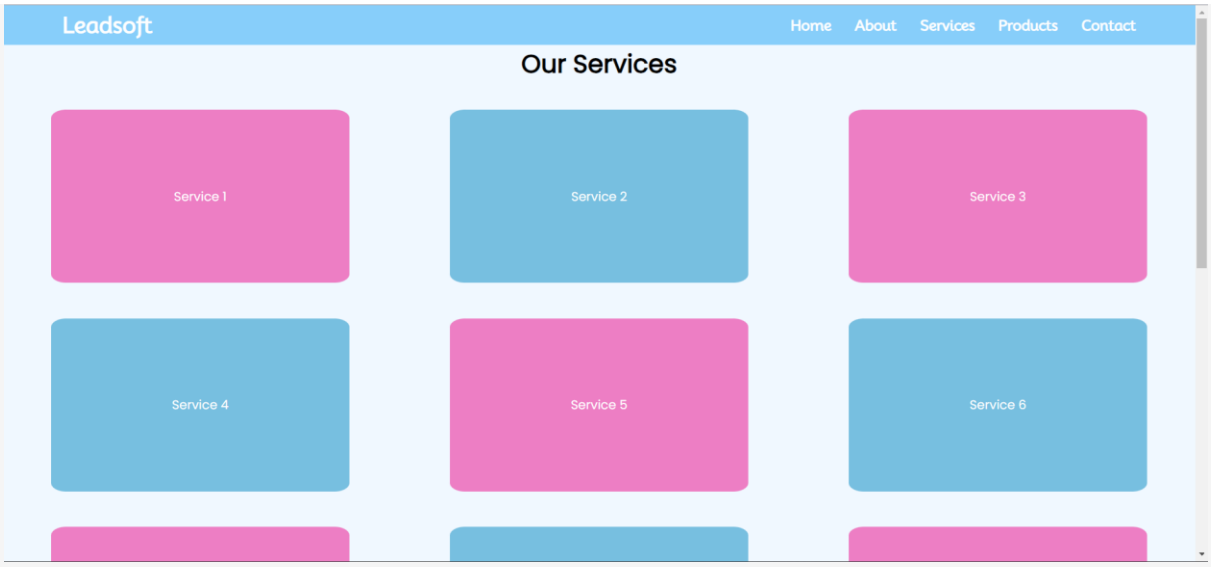
```
.animation{
    width: 100%;
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background: linear-gradient(45deg,blue,plum,blueviolet);
}
.animation .loader{
    width: 140px;
    height: 140px;
    background: lightskyblue;
    border-radius: 10%;
    transition: all ease-in 0.4s;
    animation: rotate linear infinite 1.5s;
}
@keyframes rotate{
    0%{
        box-shadow: inset 0px -120px 50px purple;
        transform: rotate(0deg);
    }
    50%{
        box-shadow: inset 120px 0px 50px navy;
        transform: rotate(180deg);
    }
    100%{
        box-shadow: inset 0px 120px 50px rgb(3, 210, 251);
        transform: rotate(360deg);
    }
}
.main{
    display: none;
    width: 100%;
    height: 800px;
    background: aliceblue;
}
.header{
    width: 100%;
    height: 50px;
    display: flex;
    background-color:lightskyblue;
    align-items: center;
    justify-content:space-between;
    padding: 0% 5%;
}
.logo h2{
    font-family: Mooli;
    color: white;
```

```
    font-size: 28px;
}
.nav{
    display: flex;
    gap:30px;
}
.nav a{
    text-decoration: none;
    color: white;
    font-weight: 800;
    font-size: 18px;
    transition: ease 0.4s;
    font-family: Mooli;
}
.nav a:hover{
    color: lightcoral;
    cursor: pointer;
}
.container{
    width: 100%;
    background: aliceblue;
    padding: 1% 0%;
    display: block;
}
.content h1{
    text-align: center;
}
.content .container{
    display: flex;
    gap: 5px;
    flex-wrap: wrap;
}
.container .item{
    margin-top: 20px;
    margin: 20px auto;
    width: 25%;
    height: 250px;
    background: darkblue;
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 5px;
    color: white;
    border-radius: 5%;
}
.container .item:nth-child(even){
    background: rgb(119, 191, 224);
}
```

```
.container .item:nth-child(odd){
    background: hsl(322, 75%, 71%);
}
@media screen and (min-width:200px){
    .container .item{
        width: 100%;
        height: 180px;
    }
}
@media screen and (min-width:650px){
    .container .item{
        width: 40%;
        height: 220px;
    }
}
@media screen and (min-width:950px){
    .container .item{
        width: 25%;
        height: 220px;
    }
}
.footer{
    width: 100%;
    height: 50px;
    background:lightskyblue;
    text-align: center;
    padding: 12px;
    font-size: 15px;
    font-weight: 500;
    color: white;
}
.footer p{
    font-family: Mooli;
    font-size: 18px;
```

Output





23.Registration Page

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Registration Page</title>
        <link rel="icon" type="image/x-icon" href="icon.png">
        <link rel="stylesheet" href="style.css">
    </head>
    <body>
        <div class="container">
            <form>
                <h2>Registration</h2>
                <h3>Personal Details</h3>
                <label class="f1"><b>Full Name</b></label>
                <label class="f2"><b>Date of Birth</b></label>
                <label class="f3"><b>Email</b></label><br>
                <input type="text" class="f4"  name="Full Name" place-
holder="Enter your Name" autocomplete="off" required>
                <input type="text" class="f5"  name="DOB" placeholder="Enter
birth date" required>
                <input type="email" class="f6" name="email" placeholder="Enter
your email" required><br><br>
                <label class="f1"><b>Mobile number</b></label>
                <label class="f7"><b>Gender</b></label>
                <label class="f8"><b>Occupation</b></label><br>
                <input type="text" class="f4" name="Mobile" placeholder="Enter
mobile number" required>
                <input type="text" class="f5" name="gender" placeholder="Enter
your gender" required>
                <input type="text" class="f6" name="occupation" place-
holder="Enter your occupation" required><br><br>
```

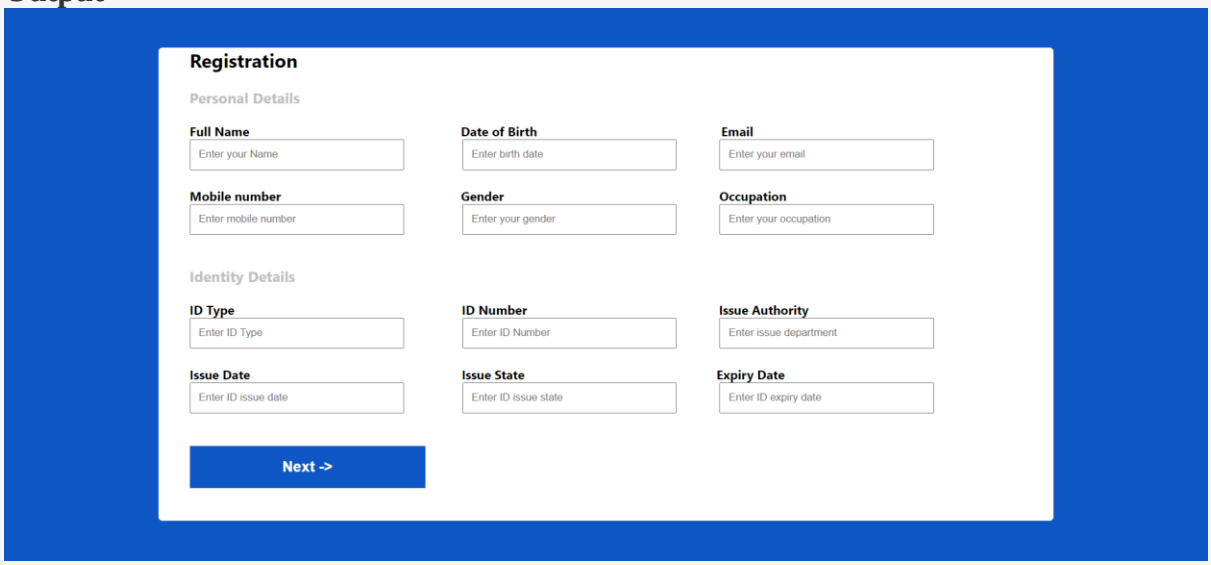
```
                <h3>Identity Details</h3>
                <label class="f1"><b>ID Type</b></label>
                <label class="f9"><b>ID Number</b></label>
                <label class="f10"><b>Issue Authority</b></label><br>
                <input type="text" class="f4" name="id" placeholder="Enter ID
Type" required>
                <input type="text" class="f5" name="number" placeholder="Enter
ID Number" required>
                <input type="text" class="f6" name="text" placeholder="Enter
issue department" required><br><br>
                <label class="f1"><b>Issue Date</b></label>
                <label class="f11"><b>Issue State</b></label>
                <label class="f12"><b>Expiry Date</b></label><br>
                <input type="text" class="f4" name="id" placeholder="Enter ID
issue date" required>
                <input type="text" class="f5" name="number" placeholder="Enter
ID issue state" required>
                <input type="text" class="f6" name="text" placeholder="Enter
ID expiry date" required><br><br>

                <button class="btn" name="Next">Next -></button><br><br>

            </form>
        </div>
    </body>
```

Style.css

```
body{
    background-color: rgb(13, 86, 195);
}
.container{
    background: white;
    margin: 50px 190px 50px 190px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border-radius: 5px;

}
.container h2{
    margin-left:40px;
}
.container h3{
    color:silver;
    margin-left: 40px;
}
.btn{
    background-color:rgb(13, 86, 195);
    border: 1px solid rgb(13, 86, 195);
    color: white;
    padding: 15px;
```

```
    width:300px;
    margin: 20px 40px 20px 40px;
    font-weight: bold;
    font-size: larger;
}
.f1{
    margin-left: 40px;
}
.f2{
    margin-left: 265px;
}
.f3{
    margin-left: 230px;
}
.f4{
    margin-left: 40px;
    padding: 10px;
    width:250px;
}
.f5{
    margin-left:70px;
    padding: 10px;
    width:250px;
}
.f6{
    margin-left: 50px;
    padding: 10px;
    width:250px;
}
.f7{
    margin-left: 225px;
}
.f8{
    margin-left: 270px;
}
.f9{
    margin-left:285px;
}
.f10{
    margin-left: 240px;
}
.f11{
    margin-left: 265px;
}
.f12{
    margin-left:240px ;
}
```

Output



24.Card website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Grid Layout</title>
        <link rel="icon" type="x-images" href="icon.png">
        <link rel="stylesheet" href="grid.css">
    </head>
    <body>
        <div class="container">
            <h2>CSS Gridlayout</h2>
        </div>
        <div class="content">
            <div class="card">
                <div class="imageTop">
                    <img src="html1.png">
                </div>
                <div class="desc">
                    <p>HTML stands for Hyper Text Markup Language.HTML is the
standard markup language for creating Web pages.
                        HTML describes the structure of a Web page.HTML con-
sists of a series of elements.HTML elements tell the browser how to display
the content.
                        HTML elements label pieces of content such as "this is
a heading", "this is a paragraph", "this is a link", etc.
                    </p>
                </div>
                <div class="footer">
                    <button style="background-color: rgb(246, 34, 87);color:
white;">Know More</button>
```

```
                    <button style="background-color: rgb(8, 204, 253);color:
black;"><a target="_blank" href="https://www.geeksforgeeks.org/html-introduc-
tion/">Visit Site</a></button>
                </div>
            </div>
            <div class="card">
                <div class="imageTop">
                    <img src="css1.jpg">
                </div>
                <div class="desc">
                    <p>CSS stands for Cascading Style Sheets.CSS describes how
HTML elements are to be displayed on screen, paper, or in other media.
                        CSS saves a lot of work. It can control the layout of
multiple web pages all at once.External stylesheets are stored in CSS files.
                        CSS Saves a Lot of Work!The style definitions are nor-
mally saved in external .css files.
                    </p><br>
                </div>
                <div class="footer">
                    <button style="background-color: rgb(246, 34, 87);color:
white;">Know More</button>
                    <button style="background-color: rgb(8, 204, 253);color:
black;"><a target="_blank" href="https://www.tutori-
alspoint.com/css/what_is_css.htm">Visit Site</a></button>
                </div>
            </div>
            <div class="card">
                <div class="imageTop">
                    <img src="js1.jpg">
                </div>
                <div class="desc">
                    <p>JavaScript is the Programming Language for the Web.Ja-
vaScript can update and change both HTML and CSS.
                        JavaScript can calculate, manipulate and validate
data.JavaScript Can Change HTMLContent.
                        JavaScript Can Change HTML Attribute Values.JavaScript
Can Change HTML Styles (CSS).JavaScript Can Hide HTML Elements.JavaScript Can
Show HTML Elements.
                    </p>
                </div>
                <div class="footer">
                    <button style="background-color: rgb(246, 34, 87);color:
white;">Know More</button>
                    <button style="background-color: rgb(8, 204, 253);color:
black;"><a target="_blank" href="https://www.javatpoint.com/javascript-tuto-
rial">Visit Site</a></button>
                </div>
            </div>
```

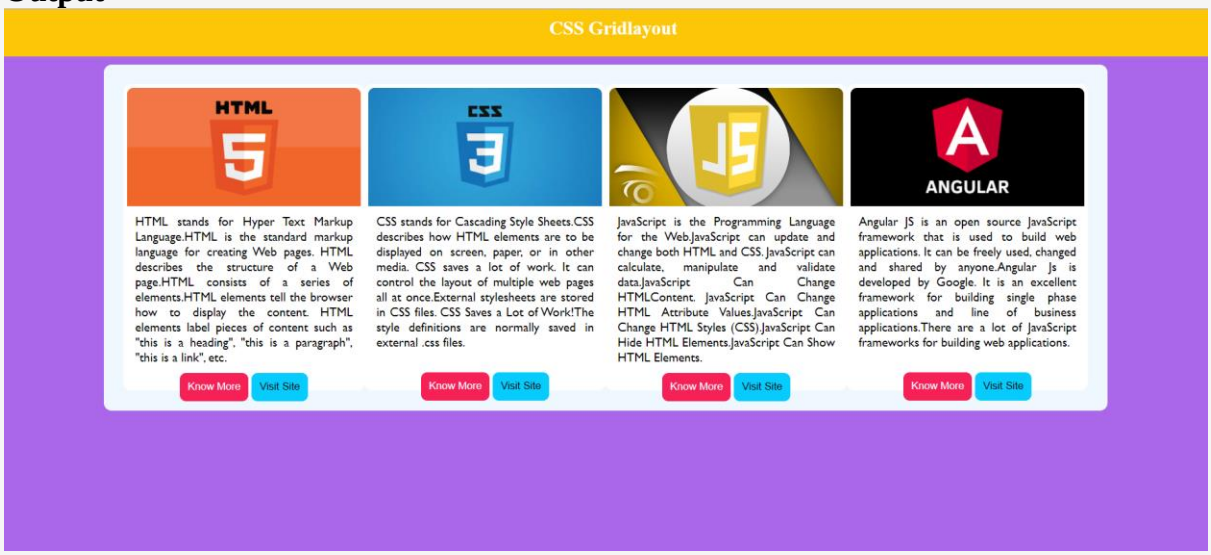
```html
            <div class="card">
                <div class="imageTop">
                    <img src="ang.png">
                </div>
                <div class="desc">
                    <p>Angular JS is an open source JavaScript framework that
is used to build web applications. It can be freely used, changed and shared
by anyone.Angular Js is developed by Google.
                        It is an excellent framework for building single phase
applications and line of business applications.There are a lot of JavaScript
frameworks for building web applications.
                    </p><br>
                </div>
                <div class="footer">
                    <button style="background-color: rgb(246, 34, 87);color:
white;">Know More</button>
                    <button style="background-color: rgb(8, 204, 253);color:
black;"><a target="_blank" href="https://www.w3schools.com/angular/angular_in-
tro.asp">Visit Site</a></button>
                </div>
            </div>
        </div>
    </body>
</html>
```

Style.css

```css
*{
    padding: 0;
    margin: 0;
}
body{
    background-color: rgba(137, 43, 226, 0.712);
}
.container{
    width: 100%;
    background-color:rgba(255, 200, 0, 0.973);
    color: white;
    padding: 10px;
    height:40px;
    text-align: center;
}
.content{
    display: flex;
    width:80%;
    padding: 25px;
    background-color: aliceblue;
    margin: 10px auto;
    flex-direction: row;
    grid-template-columns: 40% 20% 40%;
```

```
    row-gap: 15px;
    border-radius: 10px;
}
.card{
    background-color: white;
    padding: 5px;
    height: 380px;
    width:400px;
    border-radius: 10px;
}
.imageTop{
    width:100%;
    height: 150px;
}
.imageTop img{
    object-fit: cover;
    width: 100%;
    height: 100%;
    border-top-left-radius: 8px;
    border-top-right-radius: 8px;
}
.desc{
    padding: 10px;
}
.desc p{
    text-align: justify;
    font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-
serif;
}
.footer{
    text-align: center;
}
.footer button{
    padding: 10px;
    border: none;
    outline: none;
    border-radius: 8px;
}
.footer button a{
    text-decoration: none;
    color: black;
}
```

Output



25.Contact Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Contact Us</title>
        <link rel="icon" type="x-images" href="icon.png">
        <link rel="stylesheet" href="contact.css">
    </head>
    <body>
        <div class="header">
            <h2>Website</h2>
        </div>
        <div class="content">
            <div class="nav">
                <a href="website.html">Home</a>
                <a href="about.html">About us</a>
                <a href="services.html">Services</a>
                <a class="active">Contact us</a>
            </div>
            <div class="custom">
                <h2>Contact Us</h2>
                <label><b>Location</b></label><br>
                <p>Shree Siddheshwar Women's College of Engineering, Sola-
pur</p><br>
                <label><b>Email</b></label><br>
                <p>sswcoe6938@gmail.com</p><br>
                <label><b>Call</b></label><br>
                <p>+918080375075</p>
            </div>
        </div>
    </body>
```

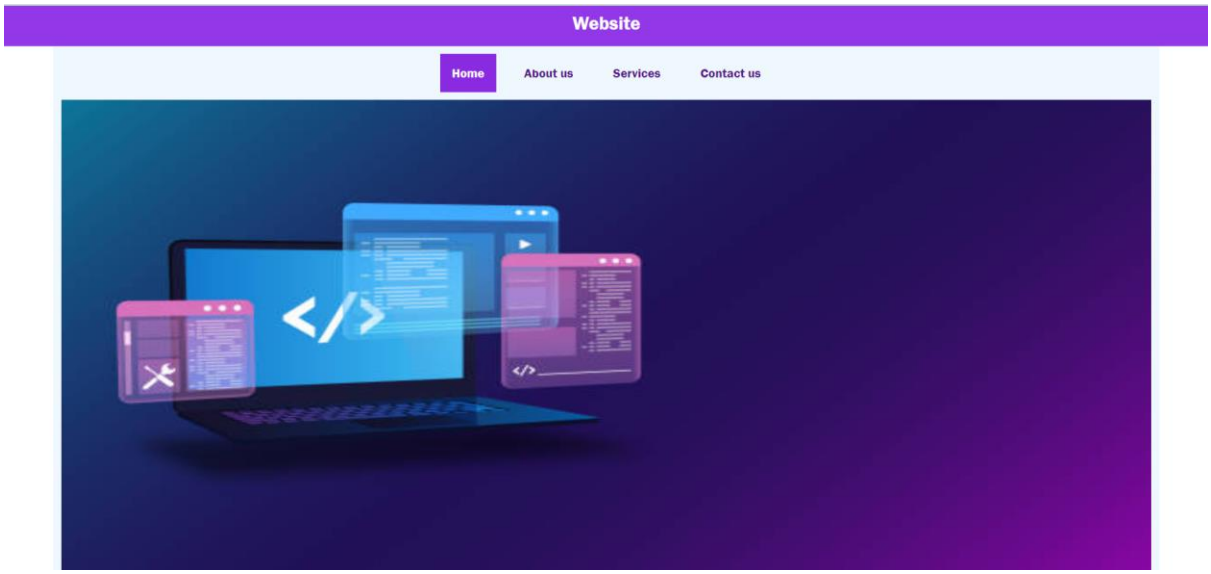
```
</html>
```

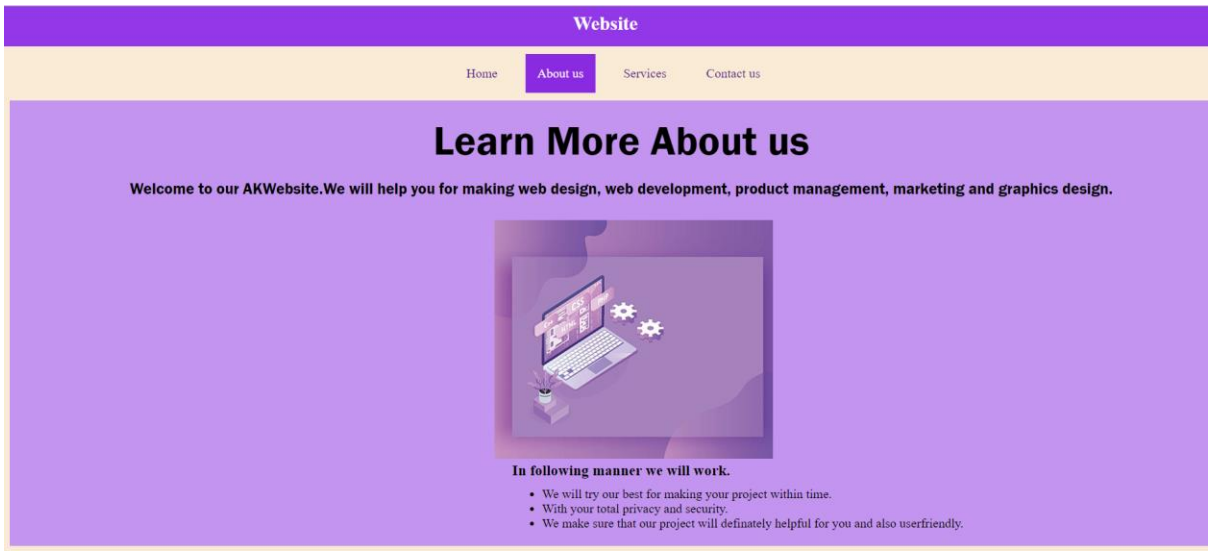
Style.css

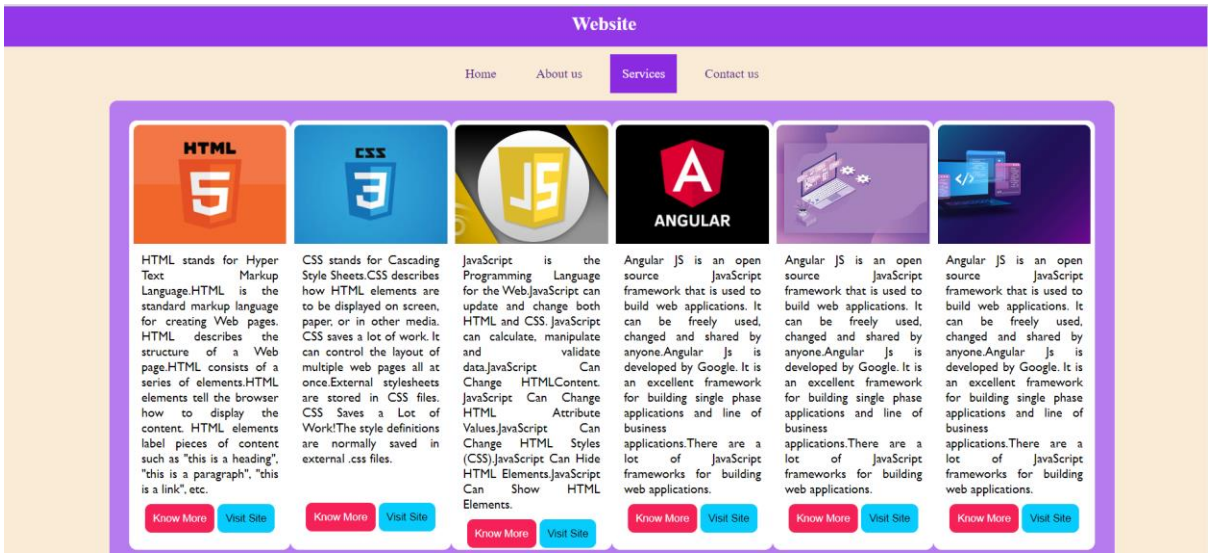
```
*{
    padding: 0;
    margin: 0;
}
.header{
    width: 100%;
    background-color:rgb(147, 56, 233);
    color: white;
    height: 50px;
    text-align: center;
}
.header h2{
    padding: 8px;
}
.nav{
    display: flex;
    column-gap: 20px;
    width: 100%;
    justify-content: center;
}
.nav a{
    padding: 15px;
    text-decoration: none;
}
.nav a:hover{
    background-color: blueviolet;
    color: white;
    cursor: pointer;
}
.active{
    background-color: blueviolet;
    color: white;
    cursor: pointer;
}
.content{
    width: 100%;
    height: 750px;
    padding: 10px;
}
.custom{
    background-color: rgb(250, 214, 250);
    height: 600px;
}
.custom h2{
    text-align: center;
```

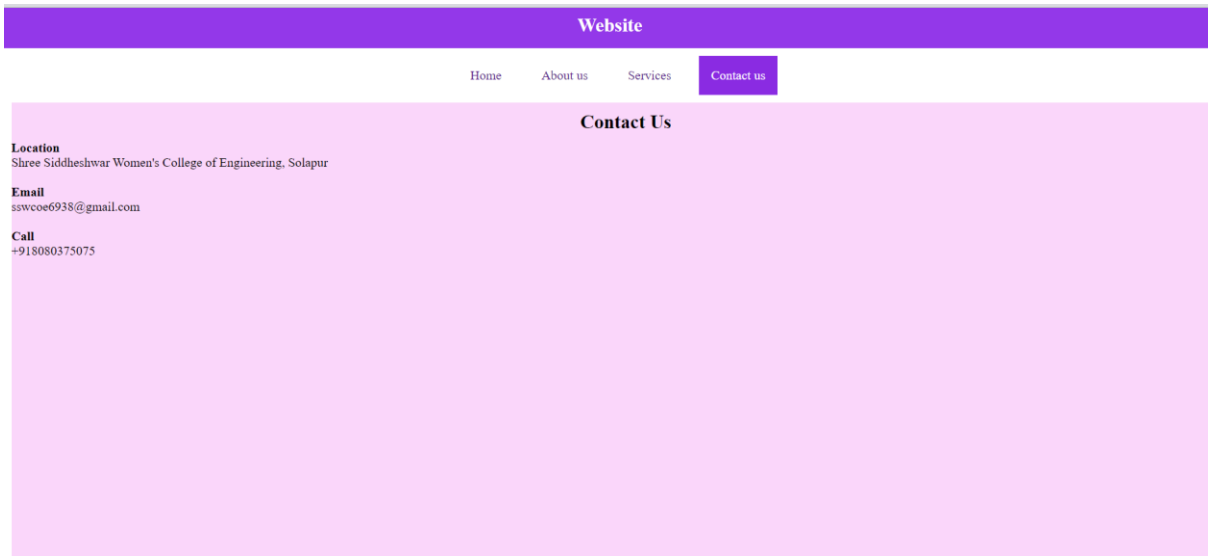
```
    padding: 10px;
    width: 100%;
    margin-top: 10px;
}
.custom label{
    text-align: center;
}
```

Output









26.Social Media Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Blog Website</title>
        <link rel="stylesheet" href="socialmedia.css">
        <link rel="icon" type="x-images" href="icon.png">
    </head>
    <body>
        <div class="header">
            <h2>Blog Website</h2>
        </div>
        <div class="main">
            <div class="side1">
                <h3>Advertise Here</h3>
            </div>
```

```html
            <div class="content">
                <div class="background">
                    <img src="socialmedia.jpg">
                </div>
                <div class="row">
                    <h2>1. Facebook</h2>
                    <img src="fb1.jpg">
                    <p>Meta Platforms, Inc., doing business as Meta, and formerly named Facebook, Inc., and TheFacebook, Inc., is an American multinational technology conglomerate based in Menlo Park, California. The company owns and operates Facebook, Instagram, Threads, and WhatsApp, among other products and services.</p>
                </div>
                <div class="row">
                    <h2>2. Twitter</h2>
                    <img src="twit.jpg">
                    <p>Twitter, Inc. was an American social media company based in San Francisco, California. The company operated the social networking service Twitter and previously the Vine short video app and Periscope livestreaming service. </p>
                </div>
                <div class="row">
                    <h2>3. Instagram</h2>
                    <img src="insta.jpg">
                    <p>Instagram, LLC is a photo and video sharing social networking service owned by American company Meta Platforms. The app allows users to upload media that can be edited with filters, be organized by hashtags, and be associated with a location – via geographical tagging.</p>
                </div>
                <div class="row">
                    <h2>4. Snapchat</h2>
                    <img src="snap.jpg">
                    <p>Snapchat is an American multimedia instant messaging app and service developed by Snap Inc., originally Snapchat Inc. One of the principal features of Snapchat is that pictures and messages are usually only available for a short time before they become inaccessible to their recipients.</p>
                </div>
                <div class="footer">
                    <p>&copy;Designed by, Akanksha</p>
                </div>
            </div>
            <div class="side2">
                <h3>Advertise Here</h3>
            </div>
        </div>
  </body></html>
```

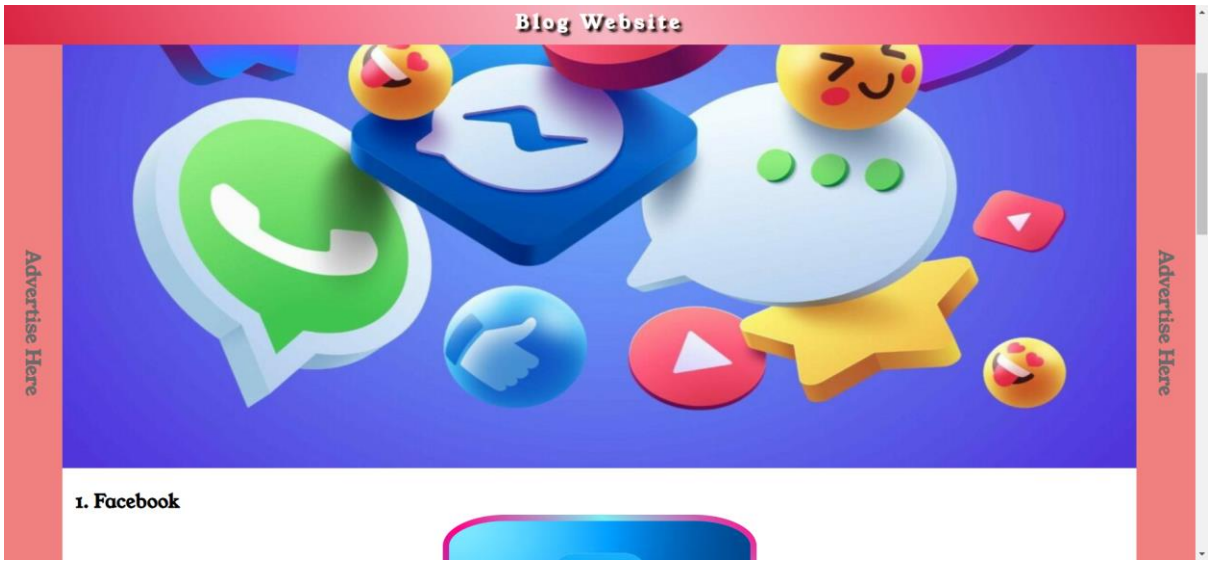
Style.css

```
@import url('https://fonts.googleapis.com/css2?family=Young Serif');
@import url('https://fonts.googleapis.com/css2?family=Poppins');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Young Serif;
}
::selection{
    background: white;
    color: black;
}
.header{
    width: 100%;
    height: 50px;
    padding: 5px;
    text-align: center;
    background: linear-gradient(60deg,rgb(216, 34, 64),rgb(246, 112,
134),rgb(246, 183, 194),rgb(246, 112, 134),rgb(216, 34, 64));
    position: fixed;
    top:0%;
}
.header h2{
    color: white;
    text-shadow: 4px 4px 3px black;
    letter-spacing: 5px;
}
.main{
    display: grid;
    width: 100%;
    height: 1200px;
    top:220px;
    margin: 50px auto;
}
.main .side1{
    height: 100%;
    background: lightcoral;
    position: fixed;
    left:0%;
    padding: 10px;
}
.main .side2{
    height: 100%;
    background: lightcoral;
    position: fixed;
    right: 0%;
```

```
    padding: 10px;
}
.side1 h3,.side2 h3{
    width: 100%;
    height: 100%;
    text-align: center;
    writing-mode: vertical-lr;
    padding: 10px;
    font-size:25px;
    color: rgb(109,106,106);
}
.main .content{
    height: 100%;
    width: 90.5%;
    margin: 0px auto;
}
.content .background img{
    background-size: contain;
    width: 100%;
    height: 780px;
    background-position: center;
}
.content .row{
    display: grid;
    grid-template-rows: auto auto auto;
    padding: 20px;
}
.row img{
    width: 400px;
    height: 200px;
    border-radius: 20%;
    margin: 0px auto;
    background: linear-gradient(45deg,rgb(54, 126, 219),rgb(255, 0,
136),rgb(125, 239, 239),rgb(255, 0, 136));
    padding: 8px;
    transition: ease 0.5s;
}
.row img:hover{
    animation: imageEffect linear 0.5s;
    cursor: pointer;
}
@keyframes imageEffect{
    0%{
        opacity: 0.2;
        transform: translateY(-20px);
    }
    50%{
        opacity: 0.6;
```

```
        transform: translateY(-10px);
    }
    100%{
        opacity: 1;
        transform: translateY(20px);
    }
}
.row p{
    width: 70%;
    margin: 10px auto;
    font-size: 15px;
    text-align: justify;
    font-weight: 200;
    font-family: Poppins;
}
.content .footer{
    background: rgb(89, 32, 66);
    color: white;
    text-align: center;
    width: 100%;
    height: 50px;
}
.footer p{
    font-family: Poppins;
    padding: 10px;
}
```

Output



27.Video Website

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Video Website</title>
        <link rel="icon" type="x-images" href="icon.png">
        <link rel="stylesheet" href="video.css">
    </head>
    <body>
        <div class="header">
            <div class="logo">
                <h2>Lead<span>Soft</span></h2>
            </div>
            <div class="nav">
                <a href="#">Home</a>
                <a href="#">About</a>
```

```html
                <a href="#">Services</a>
                <a href="#">Products</a>
                <a href="#">Contact</a>
            </div>
        </div>
        <div class="background">
            <video autoplay loop muted>
                <source src="video.mp4">
            </video>
            <h2>Become <span class="title">Pro</span> in<span class="title">
Coding</span></h2>
            <h3>Join Our Classes</h3>
        </div>
        <div class="content">
            <div class="item"><p>Course 1</p></div>
            <div class="item"><p>Course 2</p></div>
            <div class="item"><p>Course 3</p></div>
            <div class="item"><p>Course 4</p></div>
        </div>
        <div class="gallery">
            <div class="item">
                <img src="b1.jpg">
            </div>
            <div class="item">
                <img src="bg1.jpg">
            </div>
            <div class="item">
                <img src="socialmedia.jpg">
            </div>
            <div class="item">
                <img src="insta.jpg">
            </div>
        </div>
        <div class="footer">
            <p>&copy; Designed By Akanksha</p>
        </div>
    </body>
</html>
```

Style.css

```css
@import url('https://fonts.googleapis.com/css?family=Poppins');
@import url('https://fonts.googleapis.com/css?family=Mooli');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Poppins;
}
.header{
```

```
    position: fixed;
    display: flex;
    flex-direction: row;
    padding: 0% 5%;
    width: 100%;
    height: 50px;
    background: rgb(223, 21, 126);
    color: white;
    align-items: center;
    justify-content: space-between;
    box-shadow: 10px 8px 12px gray;
    z-index:2;
}
.logo h2{
    color: aquamarine;
    font-size: 22px;
}
.logo span{
    color:rgba(253, 230, 54, 0.927);
}
.header .nav{
    display: flex;
    flex-direction: row;
    gap:40px;
}
.nav a{
    text-decoration: none;
    color: white;
    font-size: 18px;
    font-weight: 700;
    transition: all ease 0.4s;
}
.nav a:hover{
    color: darkorange;
    cursor: pointer;
}
.background{
    width: 100%;
    height: 500px;
}
.background video{
    width: 100%;
    height: 100%;
    object-fit: cover;
}
.background h2{
    position: absolute;
    top:30%;
```

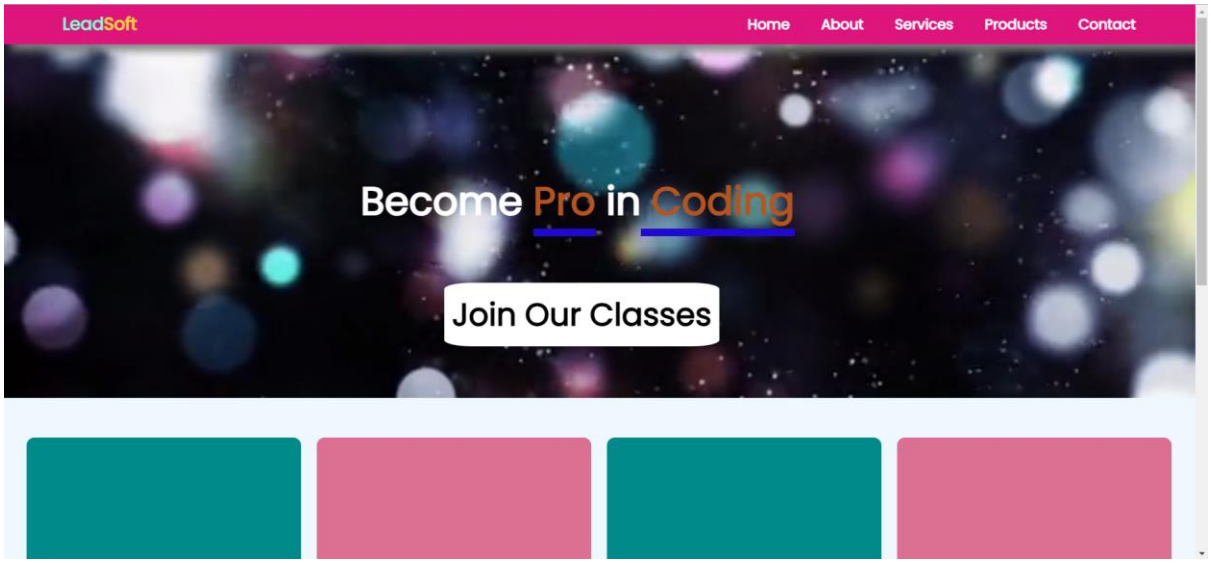
```
    left:30%;
    color: white;
    font-size: 50px;
}
h2 .title{
    border-bottom: 10px solid white;
    transition: all ease 0.4s;
    animation: textAnimation linear infinite 0.4s;
}
@keyframes textAnimation{
    10%{
        color: yellow;
        border-bottom: 10px solid brown;
    }
    50%{
        color: brown;
        border-bottom: 10px solid blue;
    }
    100%{
        color: blue;
        border-bottom: 10px solid yellow;

    }
}
.background h3{
    position: absolute;
    top:50%;
    left:37%;
    font-size: 40px;
    color: black;
    background: white;
    border-radius: 10%;
    padding: 10px;
}
.content{
    width: 100%;
    padding: 2% 2%;
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: row;
    height: 400px;
    gap:20px;
    background: aliceblue;
}
.content .item{
    width: 100%;
    height: 300px;
```

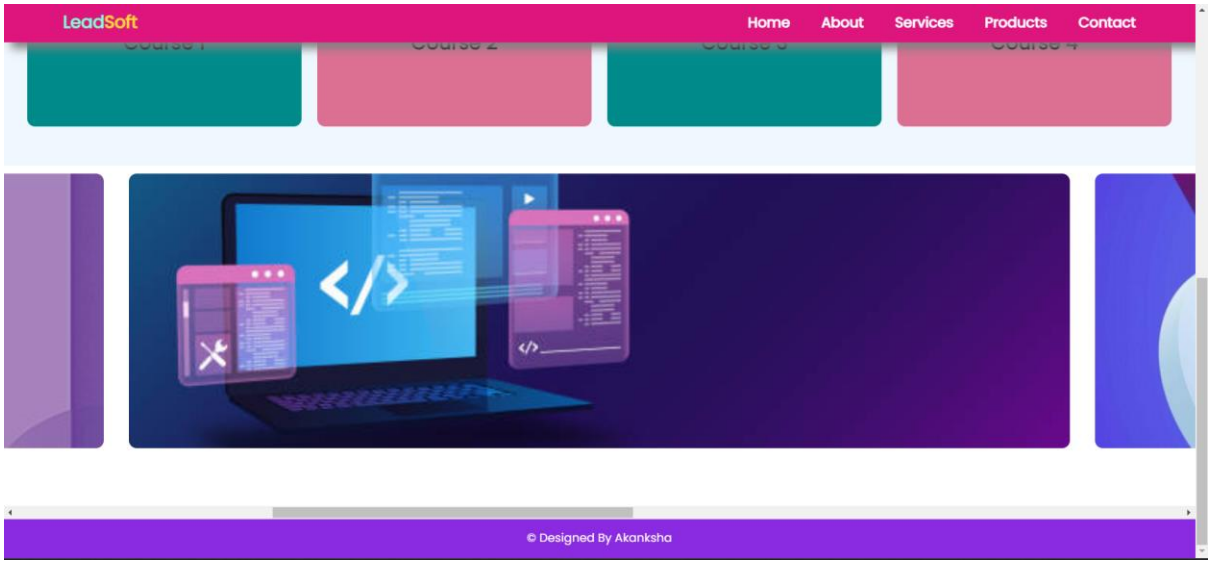
```
    background-color: palevioletred;
    text-align: center;
    border-radius: 10px;
}
.content .item:nth-child(odd){
    background: darkcyan;
}
.item p{
    padding: 50% 20%;
    font-weight: 700;
    font-size: 25px;
}
.gallery{
    width: 100%;
    background-color: white;
    padding: 10px;
    display: flex;
    flex-direction: row;
    gap:2rem;
    overflow-x: scroll;
    scroll-snap-type: x mandatory;
    height: 450px;
    transition: all ease-out 0.4s;
}
.gallery .item{
    scroll-snap-align: center;
    min-width: 80%;
    transition: all ease-in 0.4s;
}
.item img{
    width: 100%;
    height: 350px;
    border-radius: 10px;
    object-fit: cover;
}
@media screen and (max-width:400px) {
    .header{
        display: flex;
    }
    .header .nav{
        display: flex;
        gap: 20px;
    }
    .background h2{
        font-size: 14px;
    }
    .background h3{
        font-size: 14px;
```

```
    }
    .header .nav a{
        font-size: 12px;
    }
    .content{
        flex-direction: column !important;
    }
    .content .item{
        flex-direction: column !important;
    }
    .content .item{
        width: 400px !important;
        font-size: 15px;
    }
    .gallery{
        margin-top: 900px !important;
    }
    .footer{
        height: 30px;
    }
    .footer p{
        font-size: 12px;
    }
 }

  @media screen and (max-width:750px) {
    .header{
        display: flex;
        height: 35px;
    }
    .header .nav{
        display: flex;
        gap: 20px;
    }
    .header h2{
        font-size: 16px;
    }
    .header .nav a{
        font-size: 12px;
    }
    .content{
        flex-direction: column !important;
    }
    .content .container{
        flex-direction: column !important;
    }
 }
.footer{
```

```
    width: 100%;
    height: 50px;
    background: blueviolet;
    text-align: center;
    padding: 12px;
    font-size: 15px;
    font-weight: 500;
    color: white;
}
```

Output





28.Table Creation

Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Table Creation</title>
        <link rel="stylesheet" href="table.css">

    </head>
    <body>
    <div class="custom">
        <h2>Invoice</h2>
    <table>
        <thead>
            <tr>
                <th class="item">Item/Desc.</th>
                <th class="quan">Qty.</th>
                <th class="at">@</th>
                <th class="price">Price</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Paperclips(Box)</td>
                <td>100</td>
                <td>1.15</td>
                <td>115.00</td>
            </tr>
            <tr>
                <td>Paper(Case)</td>
                <td>10</td>
                <td>45.99</td>
                <td>459.90</td>
            </tr>
            <tr>
                <td>Wastepaper Baskets</td>
                <td>2</td>
                <td>17.99</td>
                <td>35.98</td>
            </tr>
            <tr>
                <td style="width:80%;background-color:rgb(224, 216, 216);font-
weight:bold;text-align:left;"colspan="3">Subtotal</td>
                <td>610.88</td>
            </tr>
            <tr>
```

```
                <td style="width:80%;background-color:rgb(224, 216, 216);font-
weight:bold;text-align: left;"colspan="2">Tax</td>
                <td>7%</td>
                <td>42.76</td>
            </tr>
            <tr>
                <td style="width:80%;background-color:rgb(224, 216, 216);font-
weight:bold;text-align: left;"colspan="3">Total</td>
                <td>653.64</td>
            </tr>

        </tbody>
    </table>
    </div>
    </body>
```

Style.css

```
h2{
    text-align: center;
    padding:20px ;
}
table{
    margin:5px auto;
    /*border: 2px solid black;*/
    border-collapse: collapse;
}
.custom{
    background-color:aliceblue;
    margin: 10px auto;
    width:500px;
    padding: 15px;
    border: 2px solid black;

}
th{
    background-color: rgb(224, 216, 216);
    text-align: left;
    padding: 20px;
    border: 2px solid black;

}
.item{
    width: 40%;
}
.quan{
    width: 25%;
}
.at{
    width: 20%;
```

```
}
.price{
    width:40%;
}
td{
    padding: 15px;
    border: 2px solid black;
}
```

Output

Invoice

Item/Desc.	Qty.	@	Price
Paperclips(Box)	100	1.15	115.00
Paper(Case)	10	45.99	459.90
Wastepaper Baskets	2	17.99	35.98
Subtotal			610.88
Tax		7%	42.76
Total			653.64