

**First we have to create two files i.e., index.html and style.css. then by using href we link style.css file in index.html.**

The below code should be written in index.html;

```
<!DOCTYPE html>

<html>

<head>

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

  <title>QR Code Generator Using HTML CSS And JavaScript</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <div class="container">

    <p>Enter your text or URL</p>

    <input type="text" placeholder="Text or URL" id="qrText">


    <div id="imgBox">

      

    </div>


    <button onclick="generateQR()">Generate QR Code</button>

  </div>


  <script>

let imgBox = document.getElementById("imgBox");
let qrImage = document.getElementById("qrImage");
let qrText = document.getElementById("qrText");
```

```
function generateQR(){
    if(qrText.value.length > 0){
        qrImage.src = "https://api.qrserver.com/v1/create-qr-code/?size=150x150&data=" +
qrText.value;
        imgBox.classList.add("show-img");
    }else{
        qrText.classList.add('error');
        setTimeout(()=>{
            qrText.classList.remove('error');
        },1000);
    }
}
</script>
</body>
</html>
```

The below code should be written in style.css;

```
*{
    margin: 0;
    padding: 0;
    font-family: 'Poppins', sans-serif;
    box-sizing: border-box;
}
body{
    background: #262a2f;
}
.container{
```

```
width: 400px;
padding: 25px 35px;
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%,-50%);
background: #fff;
border-radius: 10px;

}

.container p{
    font-weight: 600;
    font-size: 15px;
    margin-bottom: 8px;
}

.container input{
    width: 100%;
    height: 50px;
    border: 1px solid #494eea;
    outline: 0;
    padding: 10px;
    margin: 10px 0 20px;
    border-radius: 5px;
}

.container button{
    width: 100%;
    height: 50px;
    background: #494eea;
    color: #fff;
```

```
border: 0;
outline: 0;
border-radius: 5px;
box-shadow: 0 10px 10px rgba(0, 0, 0, 0.1);
cursor: pointer;
margin: 20px 0;
font-weight: 500;
}
#imgBox{
width: 200px;
border-radius: 5px;
max-height: 0;
overflow: hidden;
transition: max-height 1s;
}
#imgBox img{
width: 100%;
padding: 10px;
}
#imgBox.show-img{
max-height: 300px;
margin: 10px auto;
border: 1px solid #d1d1d1;
}
.error{
animation: shake 0.1s linear 10;
}
@keyframes shake{
```

```
0%{
    transform: translate(0);
}
25%{
    transform: translate(-2px);
}
50%{
    transform: translate(0);
}
75%{
    transform: translate(2px);
}
100%{
    transform: translate(0);
}
}
```

**# This project was completely made by Avala Harika**

**\*\*\*\*\* End of the Code\*\*\*\*\***

**\*\*\*\*\*THANK YOU\*\*\*\*\***