**Objective:-** Create Home Page for any Website which contains image slider, header and footer and navigation menu bar.

**HTML Code :-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Semester Project Website</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<link rel="stylesheet" type="text/css"

href="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick.min.css" />

<link rel="stylesheet" type="text/css"

href="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick-theme.min.css" />

<script src="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick.min.js"></script>

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

</head>

<body>

<div class="slider">

<img src="./image1.jpeg" alt="Slide 1">

<img src="./image2.jpeg" alt="Slide 2">

<img src="./image3.jpeg" alt="Slide 3">

</div>

<form id="registrationForm">

<input type="text" name="username" placeholder="Username">

<div class="username-error error"></div>

<input type="email" name="email" placeholder="Email">

<div class="email-error error"></div>

<input type="password" name="password" placeholder="Password">

<div class="password-error error"></div>

<button type="submit">Register</button>

</form>

<form id="loginForm">

<input type="text" name="username" placeholder="Username">

<div class="username-error error"></div>

<input type="password" name="password" placeholder="Password">

<div class="password-error error"></div>

<button type="submit">Login</button>

</form>

<script src="./script.js"></script>

</body>

</html>

**CSS Code :-**

input[type="text"],

input[type="email"],

input[type="password"],

button {

margin: 5px 0;

padding: 10px;

width: 100%;

box-sizing: border-box;

}

button {

background-color: #4CAF50;

color: white;

border: none;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

.error {

color: red;

font-size: 14px;

margin-top: 5px;

}

.error {

color: red;

}

.slider {

width: 80%;

margin: 0 auto;

}

.slider img {

width: 100%;

height: auto;

}

**JavaScript Code :-**

$(document).ready(function () {

$('.slider').slick({

autoplay: true,

autoplaySpeed: 2000,

arrows: true,

dots: true

});

});

$('#registrationForm').submit(function (e) {

e.preventDefault();

var username = $(this).find('input[name="username"]').val();

var email = $(this).find('input[name="email"]').val();

var password = $(this).find('input[name="password"]').val();

if (username === '') {

$(this).find('.username-error').text('Please enter a username');

return;

}

if (email === '') {

$(this).find('.email-error').text('Please enter an email');

return;

}

if (!isValidEmail(email)) {

$(this).find('.email-error').text('Please enter a valid email');

return;

}

if (password === '') {

$(this).find('.password-error').text('Please enter a password');

return;

}

this.submit();

});

$('#loginForm').submit(function (e) {

e.preventDefault();

var username = $(this).find('input[name="username"]').val();

var password = $(this).find('input[name="password"]').val();

if (username === '') {

$(this).find('.username-error').text('Please enter your username');

return;

}

if (password === '') {

$(this).find('.password-error').text('Please enter your password');

return;

}

this.submit();

});

function isValidEmail(email) {

var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

return emailRegex.test(email);

}

**Output :-**

