		Marwadi University **Faculty of Technology** **Department of Information and Communication Technology**
Subject: Internet and Web Technology (01CT0408)		**Aim:** Browser interaction and form validation (Web browser environments, forms and validation, image sliders) [Image slider plugins of jQuery, Client-side validation of Registration & Login page to be created in semester project website].
Experiment No:- 06	**Date:-** 06-04-2024	**Enrollment No:-** 92200133030

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

HTML Code :-

```html
<!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>
```

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CSS Code :-

```css
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 :-

```javascript
$(document).ready(function () {
    $('.slider').slick({
        autoplay: true,
        autoplaySpeed: 2000,
```

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```javascript
      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();
});
```

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```
function isValidEmail(email) {
    var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return emailRegex.test(email);
}
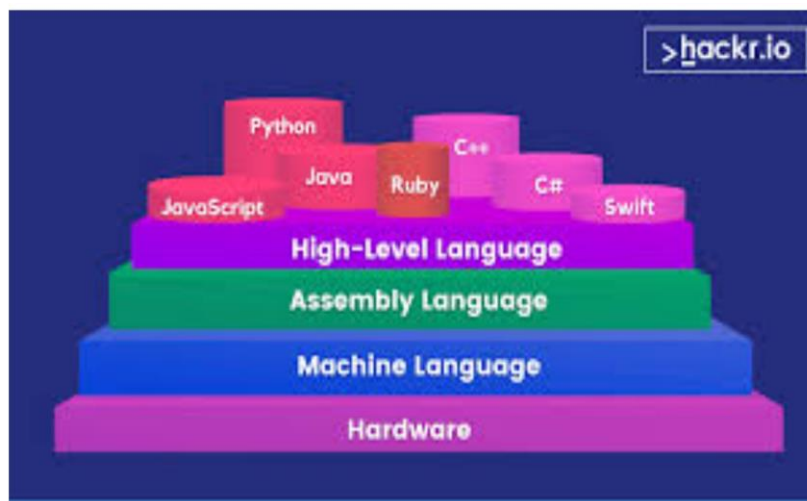```

## Output :-

Username

Please enter a username

Email

Please enter an email

Password

Register

Username

Please enter your username

Password

Login



Username

Email

Password

Register

Username

Password

Login