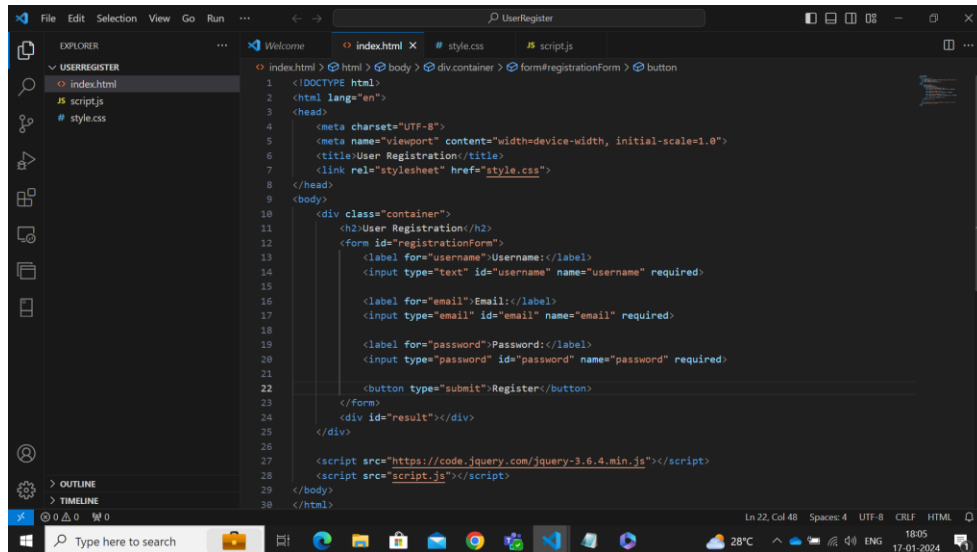
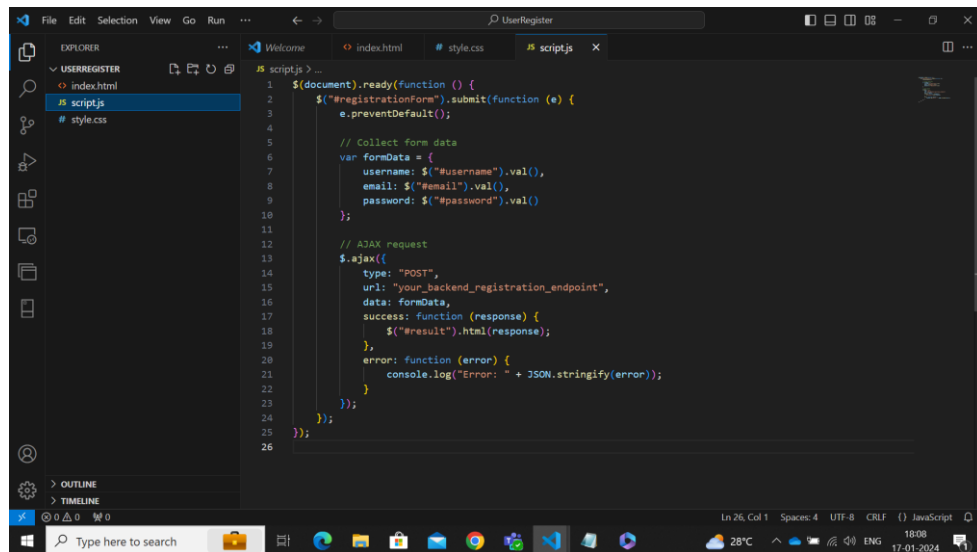


SIMPLE FRONTEND APPLICATION



This screenshot shows the HTML file of a simple frontend application. The Explorer panel on the left shows the project structure with files: index.html, script.js, and style.css. The main editor displays the HTML code for index.html, which includes a registration form with fields for username, email, and password, and a submit button. The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>User Registration</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10  <div class="container">
11    <h2>User Registration</h2>
12    <form id="registrationForm">
13      <label for="username">Username:</label>
14      <input type="text" id="username" name="username" required>
15
16      <label for="email">Email:</label>
17      <input type="email" id="email" name="email" required>
18
19      <label for="password">Password:</label>
20      <input type="password" id="password" name="password" required>
21
22      <button type="submit">Register</button>
23    </form>
24    <div id="result"></div>
25  </div>
26
27  <script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>
28  <script src="script.js"></script>
29 </body>
30 </html>
```



This screenshot shows the JavaScript file (script.js) of the application. The Explorer panel on the left shows the project structure with files: index.html, script.js, and style.css. The main editor displays the JavaScript code for script.js, which handles the form submission using jQuery and AJAX. The code is as follows:

```
1 $(document).ready(function () {
2   $("#registrationForm").submit(function (e) {
3     e.preventDefault();
4
5     // Collect form data
6     var formData = {
7       username: $("#username").val(),
8       email: $("#email").val(),
9       password: $("#password").val()
10    };
11
12    // AJAX request
13    $.ajax({
14      type: "POST",
15      url: "your_backend_registration_endpoint",
16      data: formData,
17      success: function (response) {
18        $("#result").html(response);
19      },
20      error: function (error) {
21        console.log("Error: " + JSON.stringify(error));
22      }
23    });
24  });
25 });
```

