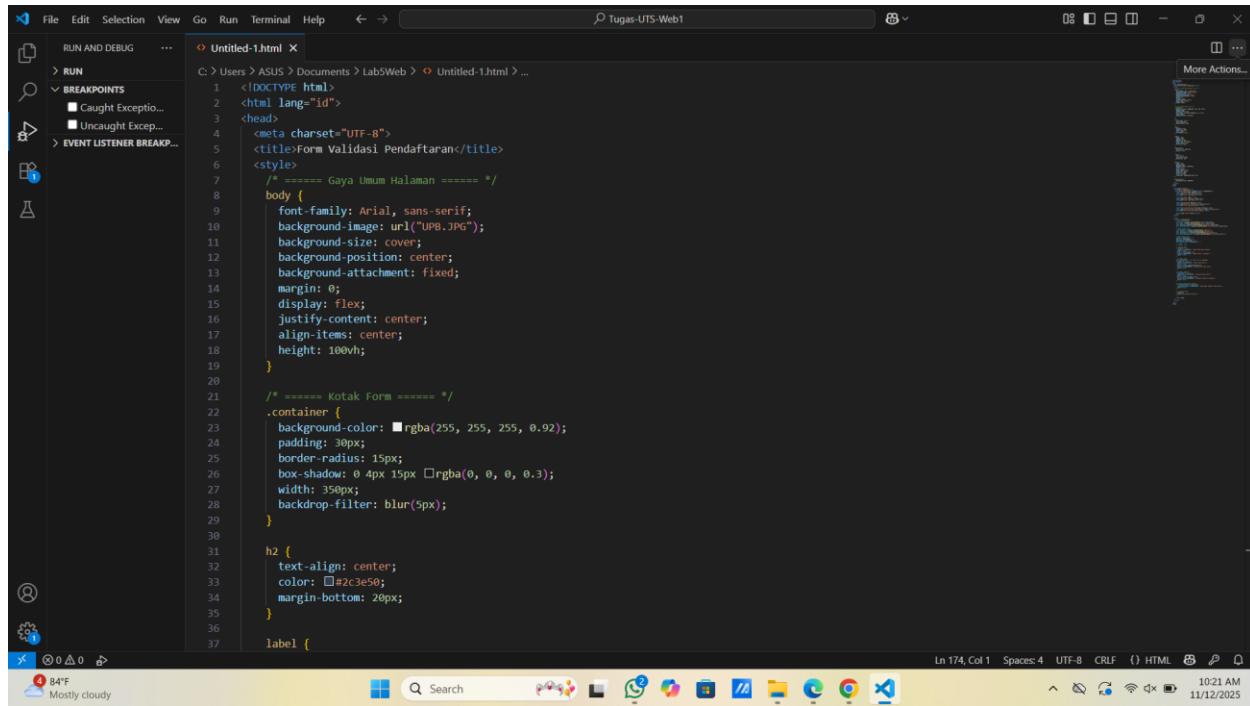


# script untuk melakukan validasi pada isian form.

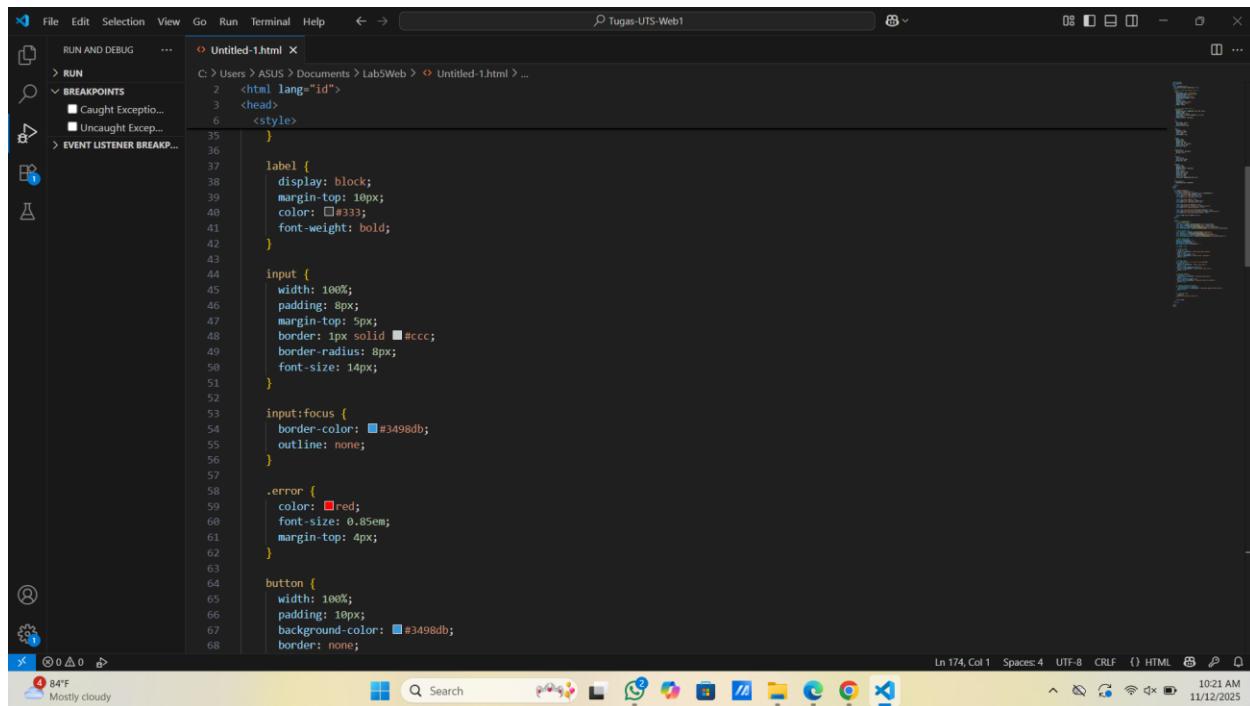


```
<!DOCTYPE html>
<html lang="id">
<head>
<meta charset="UTF-8">
<title>Form Validasi Pendaftaran</title>
<style>
/* ===== Gaya Umum Halaman ===== */
body {
    font-family: Arial, sans-serif;
    background-image: url("UPB.JPG");
    background-size: cover;
    background-position: center;
    background-attachment: fixed;
    margin: 0;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
}

/* ===== Kotak Form ===== */
.container {
    background-color: #rgba(255, 255, 255, 0.92);
    padding: 30px;
    border-radius: 15px;
    box-shadow: 0 4px 15px #rgba(0, 0, 0, 0.3);
    width: 350px;
    backdrop-filter: blur(5px);
}

h2 {
    text-align: center;
    color: #2c3e50;
    margin-bottom: 20px;
}

label {
```



```
}
```

```
label {
    display: block;
    margin-top: 10px;
    color: #333;
    font-weight: bold;
}

input {
    width: 100%;
    padding: 8px;
    margin-top: 5px;
    border: 1px solid #ccc;
    border-radius: 8px;
    font-size: 14px;
}

input:focus {
    border-color: #3498db;
    outline: none;
}

.error {
    color: red;
    font-size: 0.85em;
    margin-top: 4px;
}

button {
    width: 100%;
    padding: 10px;
    background-color: #3498db;
    border: none;
```

The screenshot shows a code editor window titled "Untitled-1.html". The code is an HTML file with some CSS and JavaScript. The CSS part defines styles for a button, including color, border-radius, margin-top, font-size, cursor, and transition. The JavaScript part contains a function named validateForm() which retrieves input values from the form fields and sets error messages in corresponding div elements if the input is invalid. The code editor interface includes a sidebar with "RUN", "BREAKPOINTS", and "EVENT LISTENER BREAK..." sections, and a status bar at the bottom.

```
C:\ > Users > ASUS > Documents > Lab5Web > Untitled-1.html ...
2 <html lang="id">
3   <head>
4     <style>
6       button {
7         color: black;
8         border-radius: 8px;
9         margin-top: 15px;
10        font-size: 16px;
11        cursor: pointer;
12        transition: background-color 0.3s;
13      }
14
15      button:hover {
16        background-color: #2980b9;
17      }
18    </style>
19  </head>
20  <body>
21
22    <div class="container">
23      <h2>Formulir Pendaftaran</h2>
24      <form id="formPendaftaran" onsubmit="return validateForm()">
25        <label for="nama">Nama Lengkap:</label>
26        <input type="text" id="nama" name="nama">
27        <div class="error" id="namaError"></div>
28
29        <label for="email">Email:</label>
30        <input type="text" id="email" name="email">
31        <div class="error" id="emailError"></div>
32
33        <label for="password">Password:</label>
34        <input type="password" id="password" name="password">
35        <div class="error" id="passwordError"></div>
36
37        <label for="confirmPassword">Konfirmasi Password:</label>
38        <input type="password" id="confirmPassword" name="confirmPassword">
39        <div class="error" id="confirmPasswordError"></div>
40
41      </form>
42    </div>
43
44    <script>
45      function validateForm() {
46        // Ambil nilai input
47        const nama = document.getElementById("nama").value.trim();
48        const email = document.getElementById("email").value.trim();
49        const password = document.getElementById("password").value.trim();
50        const confirmPassword = document.getElementById("confirmPassword").value.trim();
51
52        // Ambil elemen error
53        const namaError = document.getElementById("namaError");
54        const emailError = document.getElementById("emailError");
55        const passwordError = document.getElementById("passwordError");
56        const confirmPasswordError = document.getElementById("confirmPasswordError");
57
58        // Reset pesan error
59        namaError.textContent = "";
60        emailError.textContent = "";
61        passwordError.textContent = "";
62        confirmPasswordError.textContent = "";
63
64        let valid = true;
65
66        // Validasi nama
67        if (nama === "") {
68          namaError.textContent = "Nama tidak boleh kosong!";
69          valid = false;
70        } else if (nama.length < 3) {
71          namaError.textContent = "Nama minimal 3 karakter!";
72        }
73
74        // Validasi email
75        if (email === "") {
76          emailError.textContent = "Email tidak boleh kosong!";
77          valid = false;
78        } else if (!isValidEmail(email)) {
79          emailError.textContent = "Format email tidak valid!";
80          valid = false;
81        }
82
83        // Validasi password
84        if (password === "") {
85          passwordError.textContent = "Password tidak boleh kosong!";
86          valid = false;
87        } else if (password.length < 8) {
88          passwordError.textContent = "Password minimal 8 karakter!";
89          valid = false;
90        }
91
92        // Validasi konfirmasi password
93        if (confirmPassword !== password) {
94          confirmPasswordError.textContent = "Konfirmasi password tidak cocok!";
95          valid = false;
96        }
97
98        // Jika semua valid, kirim form
99        if (valid) {
100          document.getElementById("formPendaftaran").submit();
101        }
102      }
103    </script>
104  </body>
105</html>
```

The screenshot shows a code editor window titled "Untitled-1.html", continuing from the previous one. It shows the rest of the validateForm() function. The function checks if the email is valid using a helper function isValidEmail(). It also checks if the password length is less than 8 characters. Finally, it submits the form if all validation passes. The code editor interface remains the same with its various sections and status bar.

```
C:\ > Users > ASUS > Documents > Lab5Web > Untitled-1.html ...
2 <html lang="id">
3   <head>
4     <style>
6       button {
7         color: black;
8         border-radius: 8px;
9         margin-top: 15px;
10        font-size: 16px;
11        cursor: pointer;
12        transition: background-color 0.3s;
13      }
14
15      button:hover {
16        background-color: #2980b9;
17      }
18    </style>
19  </head>
20  <body>
21
22    <div class="container">
23      <h2>Formulir Pendaftaran</h2>
24      <form id="formPendaftaran" onsubmit="return validateForm()">
25        <button type="submit">Daftar</button>
26      </form>
27    </div>
28
29    <script>
30      function validateForm() {
31        // Ambil nilai input
32        const nama = document.getElementById("nama").value.trim();
33        const email = document.getElementById("email").value.trim();
34        const password = document.getElementById("password").value.trim();
35        const confirmPassword = document.getElementById("confirmPassword").value.trim();
36
37        // Ambil elemen error
38        const namaError = document.getElementById("namaError");
39        const emailError = document.getElementById("emailError");
40        const passwordError = document.getElementById("passwordError");
41        const confirmPasswordError = document.getElementById("confirmPasswordError");
42
43        // Reset pesan error
44        namaError.textContent = "";
45        emailError.textContent = "";
46        passwordError.textContent = "";
47        confirmPasswordError.textContent = "";
48
49        let valid = true;
50
51        // Validasi nama
52        if (nama === "") {
53          namaError.textContent = "Nama tidak boleh kosong!";
54          valid = false;
55        } else if (nama.length < 3) {
56          namaError.textContent = "Nama minimal 3 karakter!";
57          valid = false;
58        }
59
60        // Validasi email
61        if (email === "") {
62          emailError.textContent = "Email tidak boleh kosong!";
63          valid = false;
64        } else if (!isValidEmail(email)) {
65          emailError.textContent = "Format email tidak valid!";
66          valid = false;
67        }
68
69        // Validasi password
70        if (password === "") {
71          passwordError.textContent = "Password tidak boleh kosong!";
72          valid = false;
73        } else if (password.length < 8) {
74          passwordError.textContent = "Password minimal 8 karakter!";
75          valid = false;
76        }
77
78        // Validasi konfirmasi password
79        if (confirmPassword !== password) {
80          confirmPasswordError.textContent = "Konfirmasi password tidak cocok!";
81          valid = false;
82        }
83
84        // Jika semua valid, kirim form
85        if (valid) {
86          document.getElementById("formPendaftaran").submit();
87        }
88      }
89    </script>
90  </body>
91</html>
```

```
C:\ > Users > ASUS > Documents > Lab5Web > Untitled-1.html > Untitled-1.html
  2 <html lang="id">
  3   <body>
  4     <script>
  5       function validateForm() {
  6         let emailError = document.getElementById("emailError");
  7         let passwordError = document.getElementById("passwordError");
  8         let confirmPasswordError = document.getElementById("confirmPasswordError");
  9
 10         let email = document.getElementById("email").value;
 11         let password = document.getElementById("password").value;
 12         let confirmPassword = document.getElementById("confirmPassword").value;
 13
 14         if (!email) {
 15           emailError.textContent = "Email wajib diisi!";
 16           valid = false;
 17         } else if (!email.match(emailPattern)) {
 18           emailError.textContent = "Format email tidak valid!";
 19           valid = false;
 20         }
 21
 22         // Validasi password
 23         if (!password) {
 24           passwordError.textContent = "Password wajib diisi!";
 25           valid = false;
 26         } else if (password.length < 6) {
 27           passwordError.textContent = "Password minimal 6 karakter!";
 28           valid = false;
 29         }
 30
 31         // Validasi konfirmasi password
 32         if (confirmPassword !== password) {
 33           confirmPasswordError.textContent = "Konfirmasi password tidak cocok!";
 34           valid = false;
 35         }
 36
 37         // Jika semua benar
 38         if (valid) {
 39           alert("Form berhasil dikirim!");
 40         }
 41
 42         return valid;
 43     </script>
 44   </body>
 45 </html>
```

