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### Latihan Modul 3

Link Repository : <https://github.com/Envield/Pemrograman-Web-I.2.git>

#### Latihan :

1. Memberikan Keterangan pada Input-an  
Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Keterangan Input</title>
</head>
<body>
  <center>
    <form method="post">
      <table border="0">
        <!--Menggunakan atribut placeholder="" untuk menambahkan
keterangan pada input tag-->
        <tr>
          <td width="150">Nama Lengkap :</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Lengkap Anda" size="30"/></td>
        </tr>
        <tr>
          <td width="150">Username :</td>
          <td><input type="text" placeholder="Masukkan
Username" size="30"/></td>
        </tr>
        <tr>
          <td width="150">Password :</td>
          <td><input type="text" placeholder="Masukkan
Password" size="30"/></td>
        </tr>
        <tr>
          <td width="150">Email :</td>
          <td><input type="text" placeholder="Masukkan
Alamat E-mail Anda" size="30"/></td>
        </tr>
        <tr>
          <td width="150">Telepon :</td>
```

```
 <input type="text" placeholder="Masukkan Nomor Telepon Anda" size="30"/></td> </tr> <tr>  <br></br>  <input type="submit" value="Buat Akun Saya"></input></td> </td> </tr> </table> </form> </center>  </body> </html> | | |
```

Webpage :

The screenshot shows a web browser window with the URL 127.0.0.1:5500/Latihan/Keterangan%20Input.html. The page displays a registration form with the following fields and labels:

- Nama Lengkap :
- Username :
- Password :
- Email :
- Telepon :
-

## 2. Validasi untuk input yang harus diisi

Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Validasi Input</title>
</head>
<body>
  <center>
    <form method="post">
      <table border="0">
        <!--Menggunakan atribut required pada akhir input untuk
memvalidasi tipe data yang di inputkan-->
        <tr>
          <td width="150">Nama Lengkap :</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Lengkap Anda" size="30" required /></td>
        </tr>
        <tr>
          <td width="150">Username :</td>
          <td><input type="text" placeholder="Masukkan
Username" size="30" required /></td>
        </tr>
        <tr>
          <td width="150">Password :</td>
          <td><input type="text" placeholder="Masukkan
Password" size="30" required /></td>
        </tr>
        <tr>
          <td width="150">Email :</td>
          <td><input type="text" placeholder="Masukkan
Alamat E-mail Anda" size="30" required /></td>
        </tr>
        <tr>
          <td width="150">Telepon :</td>
          <td><input type="text" placeholder="Masukkan
Nomor Telepon Anda" size="30" required /></td>
        </tr>
        <tr>
          <td>
            <br></td>
          <td><input type="submit" value="Buat Akun
Saya"></input></td>
        </tr>
      </table>
    </form>
  </center>
</body>
</html>
```

```
        </tr>
      </table>
    </form>
  </center>

</body>
</html>
```

Webpage :

The screenshot shows a web browser window with multiple tabs. The active tab is titled "Validasi Input". The address bar shows the URL "127.0.0.1:5500/Latihan/Validasi%20Input.html". The webpage content displays a registration form with the following fields and labels:

- Nama Lengkap :**  (Placeholder: Masukkan Nama Lengkap Anda)
- Username :**  (Placeholder: Masukkan Username Anda)
- Password :**  (Placeholder: Masukkan Password Anda)
- Email :**  (Placeholder: Masukkan Alamat E-mail Anda)
- Telepon :**  (Placeholder: Masukkan Nomor Telepon Anda)

Below the form fields is a button labeled "Buat Akun Saya". A tooltip message "Please fill out this field." is visible over the Password field.

### 3. Validasi untuk Menentukan Jumlah Karakter Maksimal

Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Validasi Jumlah Karakter Maksimal </title>
</head>
<body>
  <center>
    <form method="post">
      <table border="0">
        <!--Menggunakan atribut maxlength="" untuk memvalidasi
jumlah data maximal yang di input pada tag input-->
        <tr>
          <td width="150">Nama Lengkap :</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Lengkap Anda" maxlength="none" size="30"
required/></td>
        </tr>
        <tr>
          <td width="150">Username :</td>
          <td><input type="text" placeholder="Masukkan
Username" size="30" maxlength="12"required/></td>
        </tr>
        <tr>
          <td width="150">Password :</td>
          <td><input type="text" placeholder="Masukkan
Password" size="30" maxlength="8" required/></td>
        </tr>
        <tr>
          <td width="150">Email :</td>
          <td><input type="text" placeholder="Masukkan
Alamat E-mail Anda" size="30" maxlength="16" required/></td>
        </tr>
        <tr>
          <td width="150">Telepon :</td>
          <td><input type="text" placeholder="Masukkan
Nomor Telepon Anda" size="30" maxlength="12" required/></td>
        </tr>
        <tr>
          <td>
            <br></td>
          <td><input type="submit" value="Buat Akun
Saya"></input></td>
```

```
                </td>
            </tr>
        </table>
    </form>
</center>

</body>
</html>
```

Webpage :

The screenshot shows a web browser window with several tabs open. The active tab displays a registration form with the following fields and labels:

- Nama Lengkap :**
- Username :**
- Password :**
- Email :**
- Telepon :**

Below the form fields is a button labeled **Buat Akun Saya**.

#### 4. Validasi Input Tanggal

Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Validasi Input Tanggal</title>
</head>
<body>
  <center>
    <form method="post">
      <table border="0">
        <!-- Menggunakan tag type="date" untuk memvalidasi agar
input berupa format tanggal-->
        <tr>
          <td width="150">Nama Lengkap :</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Lengkap Anda" maxlength="none" size="30"
required/></td>
        </tr>
        <tr>
          <td width="150">Username :</td>
          <td><input type="text" placeholder="Masukkan
Username" size="30" maxlength="12"required/></td>
        </tr>
        <tr>
          <td width="150">Password :</td>
          <td><input type="text" placeholder="Masukkan
Password" size="30" maxlength="8" required/></td>
        </tr>
        <tr>
          <td width="150">Tanggal Lahir :</td>
          <td><input type="date" name="birth"
required/></td>
        </tr>
        <tr>
          <td width="150">Email :</td>
          <td><input type="text" placeholder="Masukkan
Alamat E-mail Anda" size="30" maxlength="16" required/></td>
        </tr>
        <tr>
          <td width="150">Telepon :</td>
          <td><input type="number"
placeholder="Masukkan Nomor Telepon Anda" size="30" maxlength="12"
required/></td>
```

```

        </tr>
        <tr>
            <td>
                <br></br>
                <td><input type="submit" value="Buat Akun
Saya"></input></td>
            </td>
        </tr>
    </table>
</form>
</center>

</body>
</html>

```

Webpage :

The screenshot shows a web browser window with a registration form. The form is centered on a white background. It contains the following fields and labels:

- Nama Lengkap :** A text input field with the placeholder text "Masukkan Nama Lengkap Anda".
- Username :** A text input field with the placeholder text "Masukkan Username".
- Password :** A text input field with the placeholder text "Masukkan Password".
- Tanggal Lahir :** A date input field with the placeholder text "dd/MM/yyyy".
- Email :** A text input field with the placeholder text "Masukkan Alamat E-mail Anda".
- Telepon :** A text input field with the placeholder text "Masukkan Nomor Telepon".
- Submit Button:** A button labeled "Buat Akun Saya".

The browser's address bar shows the URL "127.0.0.1:5555/Latihan/Validasi/Validasi.html". The browser tabs include "Keterangan Input", "Validasi Input", "Validasi Jumlah Karakter Wkt...", "Validasi Input Tanggal", and "Validasi Input Email".



## 5. Validasi Input Email

Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Validasi Input Tanggal</title>
</head>
<body>
  <center>
    <form method="post">
      <table border="0">
        <!-- Menggunakan tag type="date" untuk memvalidasi agar
input berupa format tanggal-->
        <tr>
          <td width="150">Nama Lengkap :</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Lengkap Anda" maxlength="none" size="30"
required/></td>
        </tr>
        <tr>
          <td width="150">Username :</td>
          <td><input type="text" placeholder="Masukkan
Username" size="30" maxlength="12"required/></td>
        </tr>
        <tr>
          <td width="150">Password :</td>
          <td><input type="text" placeholder="Masukkan
Password" size="30" maxlength="8" required/></td>
        </tr>
        <tr>
          <td width="150">Tanggal Lahir :</td>
          <td><input type="date" name="birth"
required/></td>
        </tr>
        <tr>
          <td width="150">Email :</td>
          <td><input type="text" placeholder="Masukkan
Alamat E-mail Anda" size="30" maxlength="16" required/></td>
        </tr>
        <tr>
          <td width="150">Telepon :</td>
          <td><input type="number"
placeholder="Masukkan Nomor Telepon Anda" size="30" maxlength="12"
required/></td>
```

```

        </tr>
        <tr>
            <td>
                <br></br>
                <td><input type="submit" value="Buat Akun
Saya"></input></td>
            </td>
        </tr>
    </table>
</form>
</center>

</body>
</html>

```

Webpage :

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/Latihan/validasi%20input%20Email.html". The page contains a registration form with the following fields and labels:

- Nama Lengkap :
- Username :
- Password :
- Tanggal Lahir :
- Email :
- Telepon :
- 

A tooltip is visible over the "Buat Akun Saya" button, displaying the email address "nawvalaryo.2022@student.uny.ac.id".

## Studi Kasus :

### Kode Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Validasi HTML5 </title>
</head>
<body style="font-family: sans-serif;">
  <center>
    <form method="post">
      <h2>Studi Kasus : Validasi HTML5</h2>
      <table border="0">
        <tr>
          <td width="100">Nama </td>
          <td>:</td>
          <td><input type="text" name="nama"
placeholder="Masukkan Nama Anda" maxlength="none" size="30"
pattern="[a-zA-Z ]+" required/></td>
        </tr>
        <tr>
          <td width="150">Usia</td>
          <td>:</td>
          <td><input type="number" name="age" min="17"
max="30" pattern="[0-9]+" required/>(Usia min 17 max 30)</td>
        </tr>
        <tr>
          <td width="150">Email </td>
          <td>:</td>
          <td><input type="text"
placeholder="namaemail@gmail.com" name="email" size="30"
required/></td>
        </tr>
        <tr>
          <td width="150">Nomor Telepon </td>
          <td>:</td>
          <td><input type="number" name="Telepon"
size="30" minlength="14" maxlength="15" required
placeholder="+62"/></td>
        </tr>
        <tr>
          <td width="150">Password </td>
          <td>:</td>
```

```

        <td><input type="password"
placeholder="Masukkan Password" size="30" maxlength="8"
required/></td>

    </tr>
    <tr>
        <td width="150">Web </td>
        <td><input type="url" placeholder="http://"
name="http://" size="30" maxlength="none"
required/><b><i>(Bonus)</i></b></td>
    </tr>
    <tr>
        <td>
            <br></br>
        <td><input type="submit"
value="Submit"></input></td>
    </tr>
</table>
</form>
</center>

</body>
</html>

```

Webpage :

The screenshot shows a web browser window with the title "Studi Kasus : Validasi HTML5". The address bar shows the URL "127.0.0.1:5500/StudiKasus/StudiKasus.html". The form contains the following fields:

- Nama: [Masukkan Nama Anda]
- Usia: [Usia min 17 max 30]
- Email: [namaemail@gmail.com]
- Nomor Telepon: [+62]
- Password: [Masukkan Password]
- Web: [http://] (Bonus)

A "Submit" button is located at the bottom of the form.