LAPORAN TUGAS PRAKTIKUM

DASAR PEMROGRAMAN WEB

TP MODUL 3

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PRODI TEKNIK INFORMATIKA

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK

UNIVERSITAS TRUNOJOYO MADURA

2025

1. Code Program

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>24-181_Rizki Pratama Sunarko_TP3</title>
</head>
<body>
    <fieldset>
    <form action="" align="">
    <h2 align="center"><font face="Arial">STUDENT DATA</font></h2>

    <!-- tabel 1 -->
    <table  width="100%" cellpadding="5" cellspacing="0">
        <tr bgcolor="aqua">
            <th colspan="4" align="left"><font face=arial>PERSONAL
DATA</font></th>
        </tr>
        <tr>
            <td width="25%"><label for="nama"><font
face="arial">Name</font></label></td>
            <td width="25%"><input type="text" name="fisrtname"
size="40" title="Masukan Nama Depan" required title="Masukan Nama Depan
Anda"></td>
            <td width="25%"><input type="text" name="middlename"
size="40" required title="Masukan Nama Tengah Anda"></td>
            <td width="25%"><input type="text" name="lastname"
size="40" required title="Masukan Nama Belakang Anda"></td>
        </tr>
        <tr>
            <td></td>
            <td><label for="fisrtname"><font face="arial"
size="1">First Name</font></label></td>
            <td><label for="middlename"><font
face="arial"size="1">Middle Name</font></label></td>
            <td><label for="lastname"><font face="arial"size="1">Last
Name</font></label></td>
        </tr>
        <tr>
            <td ><label for="nim"><font
face="arial">NIM</font></label></td>
            <td colspan="2"><input type="text" name="nim" id="nim"
size="86" required title="Masukan NIM Anda"></td>
            <td>
                <select name="tahun_masuk" id="tahun_masuk">
                    <option value="year">-- Year of University Entrace
--                
           </option>
                    <option value="2014">2014</option>
                    <option value="2015">2015</option>
                    <option value="2016">2016</option>
                    <option value="2017">2017</option>
                    <option value="2018">2018</option>
```

```html
                    <option value="2019">2019</option>
                </select>
            </td>
        </tr>
        <tr>
            <td><label for="study"><font face="arial">Faculty,
Department & Program</font></label></td>
            <td>
                <select name="faculty" id="study">
                    <option value="faculty">-- Faculty --    
                   
                   
               </option>
                    <option value="engineering">Engineering</option>
                    <option value="law">Law</option>
                    <option value="economics">Economics</option>
                </select>
            </td>
            <td>
                <select name="department" id="study" >
                    <option value="department">-- Department --  
                   
                   
           </option>
                    <option value="informatics">Informatics</option>
                    <option value="industrial">Industrial
Engineering</option>
                    <option value="electrical">Electrical
Engineering</option>
                </select>
            </td>
            <td>
                <select name="program" id="study">
                    <option value="program">-- Program --    
                   
                   
             </option>
                    <option value="informatics">Informatics</option>
                    <option value="information">Information
System</option>
                    <option value="industrial">Industrial
Engineering</option>
                    <option value="mechanical">Mechanical
Engineering</option>
                    <option value="mechatronics">Mechatronics
Engineering</option>
                    <option value="electrical">Electrical
Engineering</option>
                </select>
            </td>
        </tr>
        <tr>
            <td><label for="gender"><font
face="arial">Gender</font></label></td>
            <td>
                <input type="radio" name="gender" id="male"
```

```
value="Male" title="Pilih Jenis Kelamin" required>
                <label for="male"><font
face="arial">Male</font></label>
                <input type="radio" name="gender" id="female"
value="Female" title="Pilih Jenis Kelamin" required>
                <label for="female"><font
face="arial">Female</font></label>
            </td>
        </tr>
        <tr>
            <td><label for="email"><font
face="arial">Email</font></label></td>
            <td colspan="3"><input type="email" name="email" id="email"
size="134" required title="Masukan Email Anda"></td>
        </tr>
        <tr>
            <td valign="top"><label for="address"><font
face="arial">Address</font></label></td>
            <td colspan="3"><textarea name="address" id="address"
rows="4" cols="124" required title="Masukan Alamat
Rumah"></textarea></td>
        </tr>
    </table>

    <!-- tabel 2 -->
    <br>
    <table width="100%" cellpadding="5" cellspacing="0">
        <tr bgcolor="aqua">
            <th align="left" colspan="3"><font face="arial">SUPPORT
ACCOUNT</font></th>
        </tr>
        <tr>
            <td width="25%"><font face="arial">Do you have scholarship
support?</font></td>
        </tr>
        <tr>
            <td><input type="radio" name="opsi1" id="no" value="no"
required>
                <label for="no"><font face="arial">No</font></label>
            </td>
        </tr>
        <tr>
            <td width="25%"><input type="radio" name="opsi1" id="yes"
value="no">
                <label for="yes"><font face="arial">Yes</font></label>
            </td>
            <td colspan="3"><input type="text" name="nim" id="nim"
size="134" required></td>
        </tr>
    </table>
    <br>
    <table>
        <tr>
            <td width="25%"><font face="arial">Do you have access to
the trunojoyo email account?</font></td>
        </tr>
```

```
        <tr>
            <td><input type="radio" name="opsi2" id="no" value="no">
                <label for="no"><font face="arial">No</font></label>
            </td>
        </tr>
        <tr>
            <td><input type="radio" name="opsi2" id="yes" value="yes"
required>
                <label for="yes"><font face="arial">Yes</font></label>
            </td>
        </tr>
    </table>

    <!-- Tabel 3 -->
    <br>
    <table width="100%" cellspacing="0" cellpadding="5">
        <tr bgcolor="aqua">
            <th align="left" colspan="4"><font
face="arial">EDUCATION</font></th>
        </tr>
        <!-- KE-1 -->
        <tr>
            <td width="25%" rowspan="2"><label for="primaryschol"><font
face="arial">Primary School</font></label></td>
            <td width="25%"><input type="text" name="primaryschol"
id="primaryschol" size="40" required title="Masukan Nama Sekolah"></td>
            <td width="25%"><input type="text" name="primaryschol"
id="primaryschol" size="40" required title="Masukan URL Sekolah"></td>
            <td width="25%">
                <select name="yearofgraduate" id="primaryschol">
                    <option value="yearofgraduate">-- Year of Graduate
--                   
                   
   </option>
                    <option value="2008">2008</option>
                    <option value="2009">2009</option>
                    <option value="2010">2010</option>
                    <option value="2011">2011</option>
                    <option value="2012">2012</option>
                    <option value="2013">2013</option>
                </select>
            </td>
        </tr>
        <tr>
            <td><font face="arial" size="1">School Name</font></td>
            <td><font face="arial" size="1">Website URL</font></td>
        </tr>

        <!-- KE-2 -->
        <tr>
            <td width="25%" rowspan="2"><label for="middleschhol"><font
face="arial">Middle School</font></label></td>
            <td width="25%"><input type="text" name="middleschhol"
id="middleschhol" size="40" required title="Masukan Nama Sekolah"></td>
            <td width="25%"><input type="text" name="middleschhol"
id="middleschhol" size="40" required title="Masukan URL Sekolah"></td>
```

```
                <td width="25%">
                    <select name="yearofgraduate" id="middleschhol">
                        <option value="yearofgraduate">-- Year of Graduate
--                  
                   
   </option>
                        <option value="2011">2011</option>
                        <option value="2012">2012</option>
                        <option value="2013">2013</option>
                        <option value="2014">2014</option>
                        <option value="2015">2015</option>
                        <option value="2016">2016</option>
                    </select>
                </td>
            </tr>
            <tr>
                <td><font face="arial" size="1">School Name</font></td>
                <td><font face="arial" size="1">Website URL</font></td>
            </tr>
            <!-- KE-3 -->
            <tr>
                <td width="25%" rowspan="2"><label for="highschool"><font
face="arial">High School</font></label></td>
                <td width="25%"><input type="text" name="highschool"
id="highschool" size="40" required title="Masukan Nama Sekolah"></td>
                <td width="25%"><input type="text" name="highschool"
id="highschool" size="40" required title="masukan url sekolah"></td>
                <td width="25%">
                    <select name="yearofgraduate" id="highschool">
                        <option value="yearofgraduate">-- Year of Graduate
--                  
                   
   </option>
                        <option value="2014">2014</option>
                        <option value="2015">2015</option>
                        <option value="2016">2016</option>
                        <option value="2017">2017</option>
                        <option value="2018">2018</option>
                        <option value="2019">2019</option>
                    </select>
                </td>
            </tr>
            <tr>
                <td><font face="arial" size="1">School Name</font></td>
                <td><font face="arial" size="1">Website URL</font></td>
            </tr>
        </table>

        <!-- Tabel 4 -->
        <br>
        <table width="100%" cellspacing="0" cellpadding="5">
            <tr bgcolor="aqua">
                <th align="left" colspan="4"><font face="arial">SOFTWARE
SKILL</font></th>
            </tr>
            <tr>
```

```html
            <td width="22%" valign="top" rowspan="2"><font
face="arial">Office Software</font></td>
            <td width="25%"><input type="checkbox" id="msword"><label
for="msword"><font face="arial">Microsoft Word</font></label></td>
            <td width="25%"><input type="checkbox" id="msacces"><label
for="msacces"><font face="arial">Microsoft Access</font></label></td>
            <td width="25%"></td>
        </tr>
        <tr>
            <td><input type="checkbox" id="msexcel"><label
for="msexcel" id=msexcel><font face="arial">Microsoft
Excel</font></label></td>
            <td><input type="checkbox" id="other"><label
for="other"><font face="arial">Other</font></label></td>
        </tr>
    </table>
    <br>
    <table width="100%" cellspacing="0" cellpadding="5">
        <tr>
            <td width="22%" valign="top" rowspan="2" ><font
face="arial">Operating System</font></td>
            <td width="25%"><input type="checkbox" id="windows"><label
for="windows"><font face="arial">Windows</font></label></td>
            <td width="25%"><input type="checkbox" id="macos"><label
for="macos"><font face="arial">macOS</font></label></td>
            <td width="25%"></td>
        </tr>
        <tr>
            <td><input type="checkbox" id="linux"><label for="linux"
id=linux><font face="arial">Linux</font></label></td>
            <td><input type="checkbox" id="other"><label
for="other"><font face="arial">Other</font></label></td>
        </tr>
    </table>
    <br>
    <table width="100%" cellspacing="0" cellpadding="5">
        <tr>
            <td width="22%" valign="top" rowspan="2"><font
face="arial">Programing Language</font></td>
            <td width="25%"><input type="checkbox" id="python"><label
for="python"><font face="arial">Python</font></label></td>
            <td width="25%"><input type="checkbox" id="c++"><label
for="c++"><font face="arial">C++</font></label></td>
            <td width="25%"></td>
        </tr>
        <tr>
            <td><input type="checkbox" id="java"><label for="java"
id="java"><font face="arial">Java</font></label></td>
            <td><input type="checkbox" id="other"><label
for="other"><font face="arial">Other</font></label></td>
        </tr>
    </table>
    <br>
    <br>
    <table align="center">
        <td><input type="submit" value="Submit Form"></td>
```

```
    </table>
    <br>
    </form>
    </fieldset>
</body>
</html>
```

Penjelasan Code Program:
1.Struktur Umum HTML
```
<!DOCTYPE html>
<html lang="en">
<head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-
scale=1.0">
        <title>Document</title>
</head>
<body>

</body>
</html>
```
Pertama saya membuat struktur umum html terlebih dahulu dimana:
- `<!DOCTYPE html>` : Untuk menentukan bahwa ini adalah dokumen html.
- `<html lang="en">` : Bahasa dokumen diatur ke Bahasa inggris.
- `<meta charset="UTF-8">` : Menggunakan UTF-8, agar mendukung berbagai karakter
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">` : Memastikan agar tampilan responsive pada perangkat mobile
- `<title>24-181_Rizki Pratama Sunarko</title>` : Memberi judul pada dokumen
- `<body>` : Untuk menampilkan tampilan

2.Isi Body
- `<h2 align="center"><font face="Arial">STUDENT DATA</font></h2>` :Judul form ditampilkan ke tengah menggunakan align center dan font dirubah menjadi aral dengan tag font dan atribut font face arial.
- **TABEL 1 PERSONAL DATA:** Ini adalah bagian utama dari form yang mengumpulkan data pribadi mahasiswa, seperti nama lengkap, NIM, fakultas, jenis kelamin, email, dan alamat.
  Name : Dibagi menjadi tiga input: First Name, Middle Name, dan Last Name. Setiap input wajib diisi (required).
  NIM : nput teks tunggal untuk NIM, serta dropdown untuk memilih tahun masuk.
  Faculty, Departement & progam : Tiga dropdown masing-masing untuk memilih fakultas, jurusan (department), dan program studi.
  Gender : Opsi radio button untuk memilih **Male** atau **Female**.

Email : Input tipe email wajib diisi.

Addrss : Textarea untuk memasukan alamat rumah.

➕ **TABEL 2- SUPPORT ACOUNT** : Bagian ini menanyakan dukungan beasiswa dan akses akun email kampus.

Do you have scholarship support? : berisi radio button **Yes/No**. Jika "Yes", maka diminta memasukkan informasi tambahan.

➕ **Do you have access to the trunojoyo email account?** : Radio button **Yes/No** untuk mengecek akses ke email kampus.

➕ **TABEL 3 – EDUCATION** : Bagian ini mengumpulkan informasi pendidikan formal sebelumnya (SD,SMP,SMA).

Primary School, Middle School, High School : Masing-masing punya tiga input: nama sekolah, URL situs sekolah, dan tahun kelulusan dalam bentuk dropdown.

id dan **name** : untuk mengirim data ke server.

➕ **TABEL 4 – SOFTWARE SKILL** : Bagian ini untuk mencatat keahlian mahasiswa dalam penggunaan perangkat lunak dan bahasa pemrograman.

Office Software : Checkbox untuk Microsoft Word, Excel, Access, dan lainnya.

Operating System : Checkbox untuk Windows, macOS, Linux, dan lainnya.

Programming Language : Checkbox untuk Python, C++, Java, dan lainnya.

➕ **TOMBOL SUBMIT** : Terletak di akhir form dan berada di dalam <table align="center">, digunakan untuk mengirimkan data yang telah diisi ke server.

Hasil Running Program:

EDUCATION

Primary School	[School Name]	[Website URL]	-- Year of Graduate -- ▾
Middle School	[School Name]	[Website URL]	-- Year of Graduate -- ▾
High School	[School Name]	[Website URL]	-- Year of Graduate -- ▾

SOFTWARE SKILL

Office Software
☐ Microsoft Word ☐ Microsoft Access
☐ Microsoft Excel ☐ Other

Operating System
☐ Windows ☐ macOS
☐ Linux ☐ Other

Programing Language
☐ Python ☐ C++
☐ Java ☐ Other

[Submit Form]