**LAPORAN TUGAS PRAKTIKUM**

**DASAR PEMROGRAMAN WEB**

**TP MODUL 3**

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| **Disusun Oleh:**  Nama: Rizki Pratama Sunarko  NIM: 240411100181  Kelas: IF 2D  **Dosen Pengampu:**  Nama: Kurniawan Eka Permana S.Kom., M.Sc  NIP: 197902172003121002  **Asisten Praktikum:**  Nama: Alaikassalam  NIM: 230411100133 |

**PRODI TEKNIK INFORMATIKA**

**JURUSAN TEKNIK INFORMATIKA  
FAKULTAS TEKNIK**

**UNIVERSITAS TRUNOJOYO MADURA**

**2025**

1. **Code Program**

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| --- |
| <!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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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><label for="study"><font face="arial">Faculty, Department & Program</font></label></td>  <td>  <select name="faculty" id="study">  <option value="faculty">-- Faculty -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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 -- &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;</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>  <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:**



