

**LAPORAN PRAKTIKUM
DESAIN PEMROGRAMAN WEB
MODUL 7**



Oleh

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**PROGRAM STUDI S1 SISTEM INFORMASI
FAKULTAS INFORMATIKA
INSTITUT TEKNOLOGI TELKOM PURWOKERTO
2021**

Pembahasan

1. Pengertian PHP

- PHP merupakan singkatan dari PHP: Hypertext Preprocessor yaitu server-side scripting language.
- Skrip PHP dieksekusi di server dan hasilnya dikirimkan ke client (browser).
- PHP mendukung berbagai jenis database.
- (contoh : MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, dll.)
- PHP merupakan perangkat lunak open source.
- PHP dapat di-download dan digunakan secara gratis.

2. File PHP

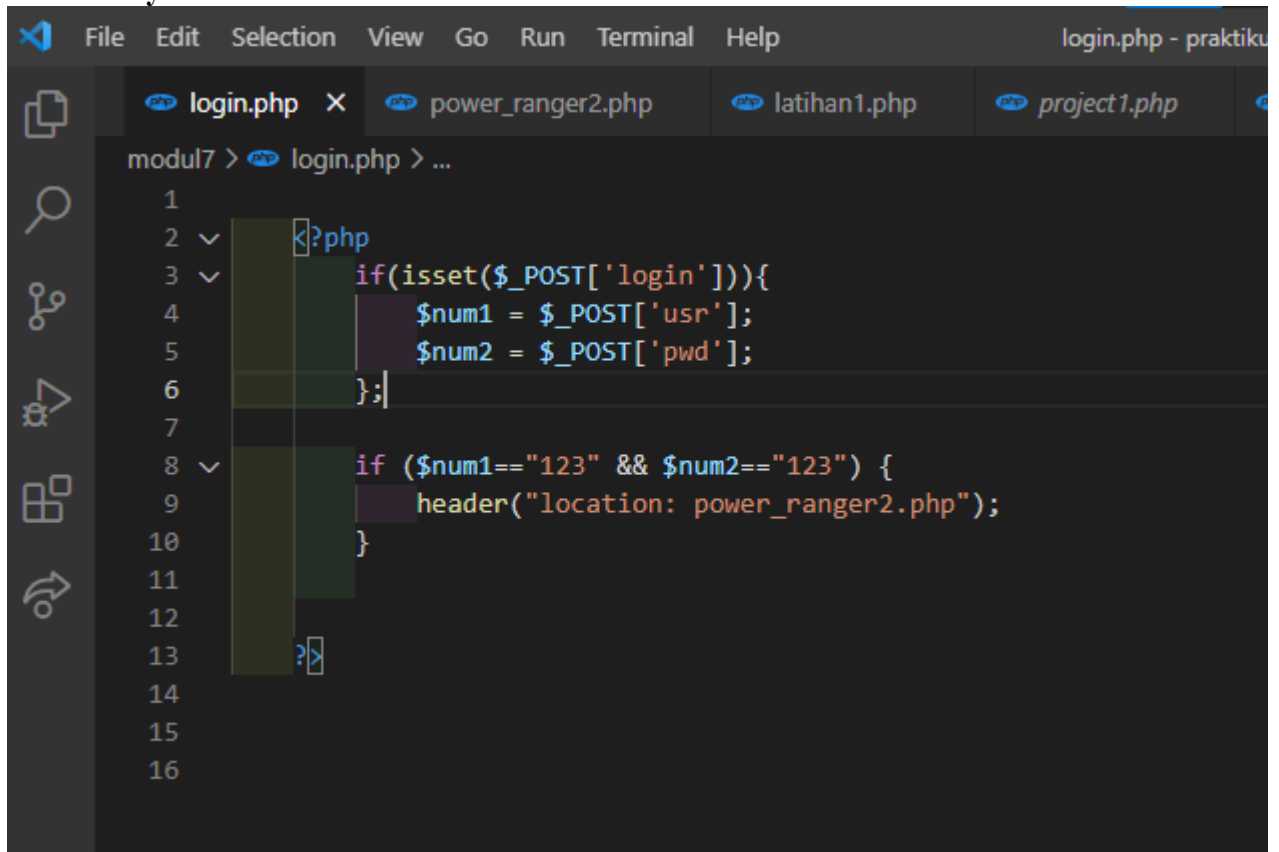
- File PHP dapat terdiri dari teks, tag dan skrip HTML.
- File PHP akan dikirimkan ke browser sebagai plain HTML.
- File PHP dapat berektensi “.php”, “.php3”, atau “.phtml”

3. Alasan Menggunakan PHP

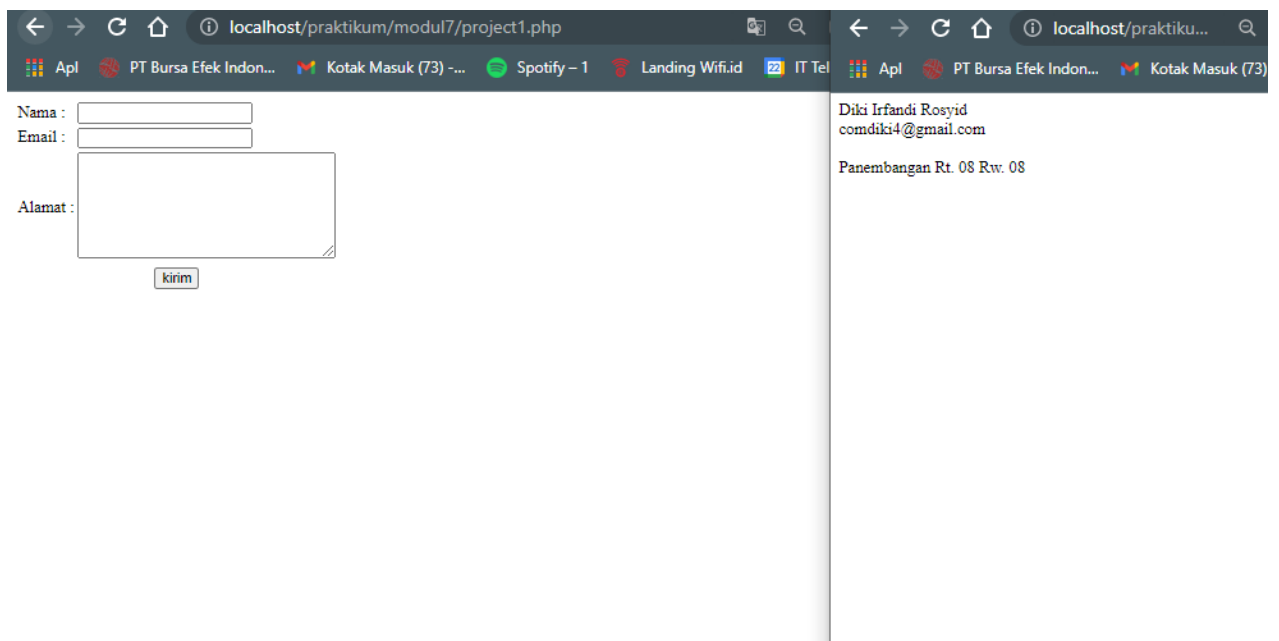
- PHP dapat berjalan pada bermacam platforms (Windows, Linux, Unix, dll.).
- PHP kompatibel (mampu bekerja) dengan hampir semua server web yang ada (Apache, IIS, etc.).
- PHP dapat di-download secara gratis dari situs resminya: www.php.net
- PHP mudah dipelajari dan berjalan secara efisien di server web.

Praktikum

1. Mulai Proyek Satu



```
modul7 > login.php > ...
1
2 <?php
3 if(isset($_POST['login'])){
4     $num1 = $_POST['usr'];
5     $num2 = $_POST['pwd'];
6 }
7
8 if ($num1=="123" && $num2=="123") {
9     header("location: power_ranger2.php");
10 }
11
12
13 ?>
14
15
16
```



localhost/praktikum/modul7/project1.php

Nama :

Email :

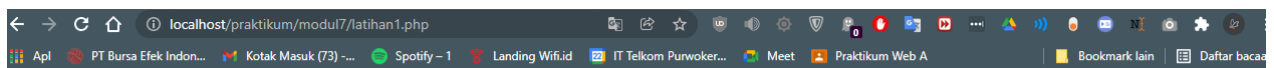
Alamat :

Diki Irfandi Rosyid
comdiki4@gmail.com
Panembangan Rt. 08 Rw. 08

2. Latihan satu

```
modul7 > latihan1.php > ...
12 <form action="hasil_latihan1.php" method="post" >
13 <table align="center" width="500px">
14 <tr>
15 <th align="center" colspan="4"><h2>Form
16 </tr>
17 <tr>
18 <td>Nama</td>
19 <td>
20 <input name="nama" type="text" place
21 </td>
22 </tr>
23 <tr>
24 <td>Tempat Lahir</td>
25 <td>
26 <input name="ttl" type="text" place
27 </td>
28 </tr>
29 <tr>
30 <td>Tanggal Lahir</td>
31 <td>
32 <input type="date" name="date" id="
33 </td>
34 </tr>
35 <tr>
36 <td>Jenis Kelamin</td>
37 <td>
38 <input type="radio" name="jk" value
39 <br>
40 <input type="radio" name="jk" value
41 </td>
42 </tr>
43 </table>
44 </form>
45

modul7 > hasil_latihan1.php > ...
12 <form action="/action.php" method="post" >
13 <table align="center" width="500px">
14 <tr>
15 <th align="center" colspan="4"><h2>Data An
16 </tr>
17 <tr>
18 <td>Nama</td><td><td>
19 <td>
20 <?php echo $_POST['nama'] ?>
21 </td>
22 </tr>
23 <tr>
24 <td>Tempat Lahir</td><td>
25 <td>
26 <?php echo $_POST['ttl'] ?>
27 </td>
28 </tr>
29 <tr>
30 <td>Tanggal Lahir</td><td>
31 <td>
32 <?php echo $_POST['date'] ?>
33 </td>
34 </tr>
35 <tr>
36 <td>Jenis Kelamin</td><td>
37 <td>
38 <?php echo $_POST['jk'] ?>
39 </td>
40 </tr>
41 </table>
42 </form>
43
44
45
```



Form Pendaftaran

Nama

Diki Irfandi Rosyid

Tempat Lahir

Purwokerto

Tanggal Lahir

17/04/2001

Jenis Kelamin

☒ Laki Laki

☐ Perempuan

Alamat

Purwokerto Banyumas Jawa Tengah

Prodi

Sistem Informasi

comdiki4@gmail.com

3. Proyek Kalkulator

```
kalkulator.php X
modul7 > kalkulator.php > html > body > div.kalkulator > form
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Kalkulator</title>
5 <link rel="stylesheet" type="text/css" href="asset/css/kalkulator.css">
6 </head>
7 <body>
8 <?php
9 if(isset($_POST['hitung'])){
10     $num1 = $_POST['num1'];
11     $num2 = $_POST['num2'];
12     $operasi = $_POST['operasi'];
13     switch ($operasi) {
14         case 'tambah':
15             $hasil = $num1+$num2;
16             break;
17         case 'kurang':
18             $hasil = $num1-$num2;
19             break;
20         case 'kali':
21             $hasil = $num1*$num2;
22             break;
23         case 'bagi':
24             $hasil = $num1/$num2;
25             break;
26     }
27 }
28 ?>
29 <div class="kalkulator">
30 <h2 class="judul">KALKULATOR</h2>
31
```

```
31
32 <form method="post" action="kalkulator.php">
33 <input type="text" name="num1" class="bil" autocomplete="off" placeholder="Masukkan Bilangan Pertama">
34 <input type="text" name="num2" class="bil" autocomplete="off" placeholder="Masukkan Bilangan Kedua">
35 <select class="opt" name="operasi">
36 <option value="tambah">+</option>
37 <option value="kurang">-</option>
38 <option value="kali">x</option>
39 <option value="bagi">/</option>
40 </select>
41 <input type="submit" name="hitung" value="Hitung" class="tombol">
42 </form>
43
44 <?php if(isset($_POST['hitung'])){ ?>
45 <input type="text" value="<?php echo $hasil; ?>" class="bil">
46 <?php }else{ ?>
47 <input type="text" value="0" class="bil">
48 <?php } ?>
49 </div>
50 </body>
51 </html>
```

CSS:

```
kalkulator.css X
modul7 > asset > css > kalkulator.css > body

1  body{
2      background: #F2F2F2;
3      font-family: sans-serif;
4  }
5
6  .kalkulator{
7      width: 335px;
8      background: #72787c;
9      margin: 10px auto;
10     padding: 10px 20px 50px 20px;
11     border-radius: 5px;
12     box-shadow: 0px 10px 20px 0px #D1D1D1;
13 }
14
15 .bil{
16     width: 300px;
17     margin: 5px;
18     border: none;
19     font-size: 16pt;
20     border-radius: 5px;
21     padding: 10px;
22 }
23
24 .opt{
25     font-size: 16pt;
26     border: none;
27     width: 215px;
28     margin: 5px;
29     border-radius: 5px;
30     padding: 10px;
31 }
32
```

```
33 .tombol{
34     background: #5153ec;
35     border-top: none;
36     border-right: none;
37     border-left: none;
38     border-radius: 5px;
39     padding: 10px 20px;
40     color: #eee;
41     font-size: 15pt;
42     border-bottom: 4px solid #3d46bf;
43 }
44
45 .judul{
46     text-align: center;
47     color: #eee;
48     font-weight: normal;
49 }
```

Hasil:

The image displays three sequential screenshots of a web browser showing a calculator application at the URL `localhost/praktikum/modul7/kalkulator.php`. The browser's address bar and tabs are visible at the top of each screenshot.

First Screenshot: The calculator interface is titled "KALKULATOR". It features two input fields labeled "Masukkan Bilangan Pertama" and "Masukkan Bilangan Kedua". Below these is a dropdown menu showing a plus sign (+) and a blue "Hitung" button. The bottom output field displays the number "0".

Second Screenshot: The calculator shows intermediate input. The first input field contains "4567", the second contains "23", and the dropdown menu now shows a forward slash (/). The "Hitung" button remains visible. The output field still shows "0".

Third Screenshot: The calculator shows the final result. The input fields are empty, the dropdown menu shows a plus sign (+), and the "Hitung" button is present. The output field now displays the calculated result: "198.5652173913".

4. Power Ranger

power_ranger.php

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Halaman Login</title>
    <link rel="stylesheet" href="asset/css/ranger.css">
  </head>

  <body>
    <div class="container">
      <h1>Login</h1>
      <form action="login.php" method="post" >
        <label>Username</label><br>
          <input type="text" name="usr"><br>
          <label>Password</label><br>
          <input type="password" name="pwd"><br>

          <input type="submit" value="login" name="login">
        </form>
      </div>
    </body>
  </html>
```

Login.php

```
<?php
  if(isset($_POST['login'])){
    $num1 = $_POST['usr'];
    $num2 = $_POST['pwd'];
  };

  if ($num1=="123" && $num2=="123") {
    header("location: power_ranger2.php");
  }

?>
```


Power_ranger2.php

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Halaman Login</title>
    <link rel="stylesheet" href="asset/css/ranger.css">
  </head>

  <?php

  ?>
  <body>
    <div class="container">
      <h1>Login</h1>
      <form action="regis.php" method="post" >
        <label>Nama</label><br>
        <input type="text" name="nama"><br>
        <label>Usia</label><br>
        <input type="text" name="usia"><br>
        <label>gender</label>

        <!-- <input type="radio" name="jk" value="1" class="jk"><label
for="perempuan">Perempuan</label>
        <input type="radio" name="jk" value="2" class="jk"><label
for="lakilaki">Laki-Laki</label> -->

        <select name="jk" id="" class="jk">
          <option value="1"><label
for="perempuan">Perempuan</label></option>
          <option value="2"><label for="lakilaki">Laki-Laki</label></option>
        </select>

        <input type="submit" value="login">
      </form>
    </div>
  </body>
</html>
```

Regis.php

```
<?php
  if ($jk = $_POST["jk"] == '1' ){
    header("location: rangergirl.php");
  }else{
    header("location: rangerboy.php");
  }
  ?>
```

rangerboy.php

```
<!DOCTYPE HTML>
<html>
  <style>
    body{
      background-color: blanchedalmond;
      font-family: sans-serif;
    }
  </style>
<head>
</head>
<body>
  <div class="container" style="width: 70%; margin: auto; padding-top: 10rem;">
    <?php
      $team = $color = $weapon = "";
      if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $team = $_POST["team"];
        $color = $_POST["color"];
        $weapon = $_POST["weapon"];
      }
      // $nama=$_POST["nama"];
      // $usia=$_POST["usia"];
    ?>
    <form method="post" style="text-align: left;" action="<?php
echo($_SERVER["PHP_SELF"]);?>">
      Pilih Team:
      <input type="radio" name="team" value="t1">1
      <input type="radio" name="team" value="t2">2
      <input type="radio" name="team" value="t3">3<br><br>
      Pilih Warna:
      <input type="radio" name="color" value="Merah">Merah
      <input type="radio" name="color" value="Hijau">Hijau
      <input type="radio" name="color" value="Biru">Biru
      <input type="radio" name="color" value="Hitam">Hitam<br><br>
      Pilih Senjata:
      <input type="radio" name="weapon" value="Mpon mpon">Mpon mpon
      <input type="radio" name="weapon" value="Keris">Keris
      <input type="radio" name="weapon" value="Gada rujuk polo">Gada rujuk polo
      <br><br>
      <input type="submit" name="submit"><br><br>
    </form>
    <hr>
    <?php
      echo "<p>Output to Server:<p>";
      // echo "Nama ="; echo $nama; echo "<br>";
      // echo "Usia ="; echo $usia; echo "<br>";
      echo "Team = "; echo $team; echo "<br>";
      echo "Color = "; echo $color; echo "<br>";
      echo "Weapon = "; echo $weapon;
    ?>
    <hr>
  </div>
</body>
</html>
```

rangergirl.php

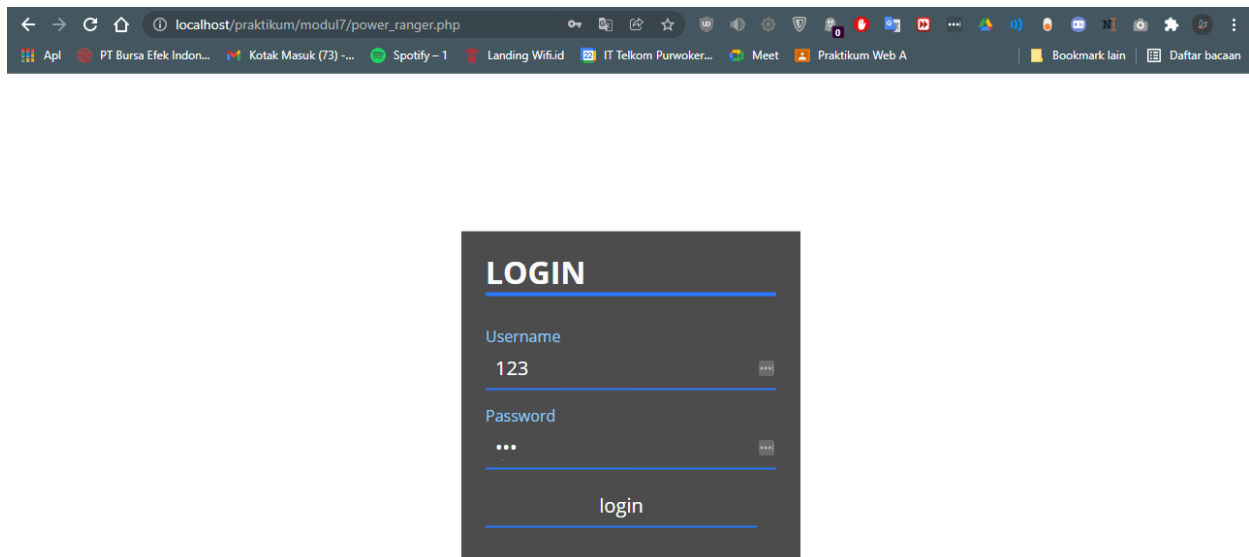
```
<!DOCTYPE HTML>
<html>
<style>
    body{
        background-color: blanchedalmond;
        font-family: sans-serif;
    }
</style>
<head>
</head>
<body>
    <div class="container" style="width: 70%; margin: auto; padding-top: 10rem;">
        <?php
            // define variables and set to empty values
            $team = $color = $weapon = "";

            if ($_SERVER["REQUEST_METHOD"] == "POST") {
                $team = $_POST["team"];
                $color = $_POST["color"];
                $weapon = $_POST["weapon"];
            }
            ?>

            <form method="post" style="text-align: left;" action="<?php
echo($_SERVER["PHP_SELF"]);?>">
                Pilih Team:
                <input type="radio" name="team" value="t1">1
                <input type="radio" name="team" value="t2">2
                <input type="radio" name="team" value="t3">3<br><br>
                Pilih Warna:
                <input type="radio" name="color" value="Pink">Pink<br><br>
                Pilih Senjata:
                <input type="radio" name="weapon" value="w1">1 Mpon mpon
                <input type="radio" name="weapon" value="w2">2 Keris
                <input type="radio" name="weapon" value="w3">3 Gada rujak polo
                <br><br>
                <input type="submit" name="submit"><br><br>
            </form>

            <hr>
            <?php
            echo "<p>Output to Server:<p>";
            echo "Team = "; echo $team; echo "<br>";
            echo "Color = "; echo $color; echo "<br>";
            echo "Weapon = "; echo $weapon;
            ?>
            <hr>
        </div>
</body>
</html>
```

Hasil



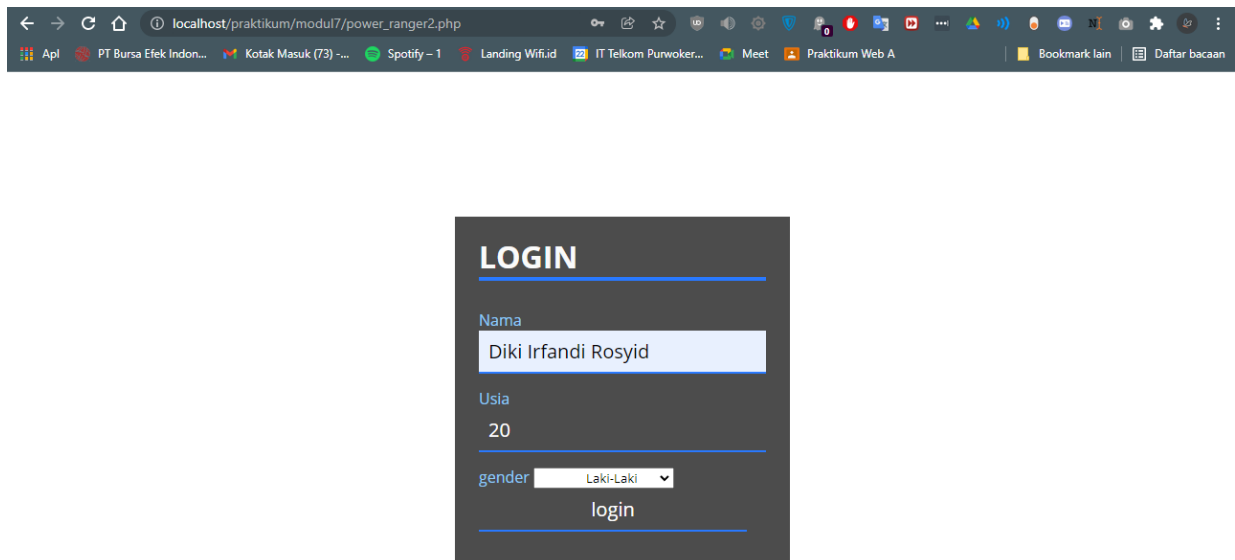
A screenshot of a web browser displaying a login form. The browser's address bar shows the URL `localhost/praktikum/modul7/power_ranger.php`. The login form has a dark background with white text. It includes fields for 'Username' (containing '123') and 'Password' (containing three dots). A 'login' button is positioned below the password field.

LOGIN

Username
123

Password
...

login



A screenshot of a web browser displaying a registration form. The browser's address bar shows the URL `localhost/praktikum/modul7/power_ranger2.php`. The registration form has a dark background with white text. It includes fields for 'Nama' (containing 'Diki Irfandi Rosyid'), 'Usia' (containing '20'), and 'gender' (a dropdown menu with 'Laki-Laki' selected). A 'login' button is positioned below the gender field.

LOGIN

Nama
Diki Irfandi Rosyid

Usia
20

gender
Laki-Laki

login

0

Ranger boy:

Pilih Team: ☒ 1 ☐ 2 ☐ 3

Pilih Warna: ☐ Merah ☒ Hijau ☐ Biru ☐ Hitam

Pilih Senjata: ☐ Mpon mpon ☐ Keris ☒ Gada rujuk polo

Output to Server:

Team =
Color =
Weapon =

Pilih Team: ☐ 1 ☒ 2 ☐ 3

Pilih Warna: ☐ Merah ☐ Hijau ☐ Biru ☐ Hitam

Pilih Senjata: ☐ Mpon mpon ☐ Keris ☐ Gada rujuk polo

Output to Server:

Team = t1
Color = Biru
Weapon = Gada rujuk polo

Ranger Girl

Pilih Team: ☐ 1 ☒ 2 ☐ 3

Pilih Warna: ☒ Pink

Pilih Senjata: ☒ 1 Mpon mpon ☐ 2 Keris ☐ 3 Gada rujuk polo

Output to Server:

Team =
Color =
Weapon =

Pilih Team: ☐ 1 ☒ 2 ☐ 3

Pilih Warna: ☐ Pink

Pilih Senjata: ☐ 1 Mpon mpon ☐ 2 Keris ☐ 3 Gada rujuk polo

Output to Server:

Team = t2
Color = Pink
Weapon = w1