PRACTICE REPORT

WEB PROGRAMMING LAB WORKS

MODULE 5

"PHP Based Web Application and MySQL Database (1)"

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X

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMATIKA

UNIVERSITAS MUHAMMADIYAH SURAKARTA

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PRACTIC

1. Experiment 1 (Student Data Form)

```
Module_5 > 🐘 form.php > ⬡ html > ⬡ body > ⬡ center > ⬡ form
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5       <meta charset="UTF-8">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>Student</title>
8   </head>
9
10  <?php
11      $conn = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "informatika");
12  ?>
13
14  <body>
15      <center>
16          <h3>Enter Student Data :</h3>
17          <form action="form.php" method="post">
18              <table border="0" width="30%">
19                  <tr>
20                      <td width="25%">NIM</td>
21                      <td width="5%">:</td>
22                      <td width="65%"><input type="text" name="NIM" size="10"></td>
23                  </tr>
24                  <tr>
25                      <td width="25%">Name</td>
26                      <td width="5%">:</td>
27                      <td width="65%"><input type="text" name="Name" size="30"></td>
28                  </tr>
29                  <tr>
30                      <td width="25%">Class</td>
31                      <td width="5%">:</td>
32                      <td width="65%">
33                          <input type="radio" checked name="Class" value="A">A
34                          <input type="radio" value="B" name="Class">B
35                          <input type="radio" value="C" name="Class">C
36                      </td>
37                  </tr>
38                  <tr>
39                      <td width="25%">Address</td>
40                      <td width="5%">:</td>
41                      <td width="65%"><input type="text" name="Address" size="40"></td>
42                  </tr>
```

```
43              </table>
44              <input type="submit" name="submit" value="Send">
45          </form>
46      <?php
47      error_reporting(error_level: E_ALL ^ E_NOTICE);
48      $nim = $_POST['NIM'];
49      $name = $_POST['Name'];
50      $class = $_POST['Class'];
51      $address = $_POST['Address'];
52      $submit = $_POST['submit'];
53      $input = "INSERT INTO student (NIM, Name, Class, Address) VALUES ('$nim', '$name', '$class', '$address')";
54      if ($submit) {
55          if ($nim == '') {
56              echo "</br> NIM cannot be empty, fill it first";
57          } elseif ($name == '') {
58              echo "</br> Name cannot be empty, fill it first";
59          } elseif ($address == '') {
60              echo "</br> Address cannot be empty, fill it first";
61          } else {
62              mysqli_query(mysql: $conn, query: $input);
63              echo "</br> Data entered successfully";
64          }
65      }
66      ?>
67      <hr>
68      <h3>Student</h3>
69      <table border="1" width="50%">
70          <tr>
71              <td align="center" width="20%"><b>NIM</b></td>
72              <td align="center" width="30%"><b>Name</b></td>
73              <td align="center" width="10%"><b>Class</b></td>
74              <td align="center" width="30%"><b>Address</b></td>
75          </tr>
76          <?php
77          $search = "SELECT * FROM student ORDER BY NIM";
78          $search_results = mysqli_query(mysql: $conn, query: $search);
79          while ($data = mysqli_fetch_row(result: $search_results)) {
80              echo "
```

```
81          <tr>
82              <td width='20%'>$data[0]</td>
83              <td width='30%'>$data[1]</td>
84              <td width='10%'>$data[2]</td>
85              <td width='30%'>$data[3]</td>
86          </tr>";
87          }
88          ?>
89      </table>
90      </center>
91  </body>
92
93  </html>
```

Picture 1.1 The Code.

(Explanation)

This PHP code connects to a MySQL database named "informatika" and provides a form for entering student data, including NIM, Name, Class, and Address. When the form is submitted, the data is inserted into the "student" table in the database. The code also includes validation to ensure that none of the fields are empty before inserting the data. After successfully inserting the data, it displays a message and

retrieves all records from the "student" table, displaying them in a table format on the webpage.

Enter Student Data :

NIM	:	[ ]
Name	:	[ ]
Class	:	● A ○ B ○ C
Address	:	[ ]

[Send]

Warning: Undefined array key "NIM" in **C:\laragon\www\L200234275\Module_5\form.php** on line **48**

Warning: Undefined array key "Name" in **C:\laragon\www\L200234275\Module_5\form.php** on line **49**

Warning: Undefined array key "Class" in **C:\laragon\www\L200234275\Module_5\form.php** on line **50**

Warning: Undefined array key "Address" in **C:\laragon\www\L200234275\Module_5\form.php** on line **51**

Warning: Undefined array key "submit" in **C:\laragon\www\L200234275\Module_5\form.php** on line **52**

Student

NIM	Name	Class	Address
L200080001	Ari Wibowo	B	Solo
L200080080	Agustina Anggraini	A	Sragen
L20009939	Abhin	C	solo
L200234275	Onic	B	Sukoharjo
L200287879	Yahya	C	Mars
l2003788	affan	B	pekalongan
l209209	Ravi	C	pluto
L39499934	fal	B	bekonang

Picture 1.2 The Output before submited data.

Enter Student Data :

NIM	:	[ ]
Name	:	[ ]
Class	:	● A ○ B ○ C
Address	:	[ ]

[Send]

Data entered successfully

Student

NIM	Name	Class	Address
L200080001	Ari Wibowo	B	Solo
L200080080	Agustina Anggraini	A	Sragen
L20009939	Abhin	C	solo
L200234275	Onic	B	Sukoharjo
L200277887	Ida	A	Gonilan
L200287879	Yahya	C	Mars
l2003788	affan	B	pekalongan
l209209	Ravi	C	pluto
L39499934	fal	B	bekonang

Picture 1.3 the output after submited data.

ASSIGNMENT

1. **In the test form above, make sure that the data in the table in each row can be changed.**

```
Module_5 > Task > form1.php > html > body > center > form > input
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5       <meta charset="UTF-8">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>Student</title>
8   </head>
9
10  <body>
11      <center>
12          <h3>Enter Student Data :</h3>
13          <form action="form1.php" method="post">
14              <table border="0" width="30%">
15                  <tr>
16                      <td width="25%">NIM</td>
17                      <td width="5%">:</td>
18                      <td width="65%"><input type="text" name="NIM" size="10" value="<?php echo isset($_GET['NIM']) ? $_GET['NIM'] : ''; ?>"></td>
19                  </tr>
20                  <tr>
21                      <td width="25%">Name</td>
22                      <td width="5%">:</td>
23                      <td width="65%"><input type="text" name="Name" size="30" value="<?php echo isset($_GET['Name']) ? $_GET['Name'] : ''; ?>"></td>
24                  </tr>
25                  <tr>
26                      <td width="25%">Class</td>
27                      <td width="5%">:</td>
28                      <td width="65%">
29                          <input type="radio" name="Class" value="A" <?php echo (isset($_GET['Class']) && $_GET['Class'] == 'A') ? 'checked' : ''; ?>>A
30                          <input type="radio" name="Class" value="B" <?php echo (isset($_GET['Class']) && $_GET['Class'] == 'B') ? 'checked' : ''; ?>>B
31                          <input type="radio" name="Class" value="C" <?php echo (isset($_GET['Class']) && $_GET['Class'] == 'C') ? 'checked' : ''; ?>>C
32                      </td>
33                  </tr>
34                  <tr>
35                      <td width="25%">Address</td>
36                      <td width="5%">:</td>
37                      <td width="65%"><input type="text" name="Address" size="40" value="<?php echo isset($_GET['Address']) ? $_GET['Address'] : ''; ?>"></td>
38                  </tr>
39              </table>
40              <input type="submit" name="<?php echo isset($_GET['NIM']) ? 'update' : 'submit'; ?>" value="<?php echo isset($_GET['NIM']) ? 'Update' : 'Send'; ?>">
41          </form>
42          <?php
```

```
43          $conn = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "informatika");
44          error_reporting(error_level: E_ALL ^ E_NOTICE);
45          $nim = $_POST['NIM'];
46          $name = $_POST['Name'];
47          $class = $_POST['Class'];
48          $address = $_POST['Address'];
49          $submit = $_POST['submit'];
50          $update = $_POST['update'];
51          $input = "INSERT INTO student (NIM, Name, Class, Address) VALUES ('$nim', '$name', '$class', '$address')";
52          if ($submit) {
53              if ($nim == '') {
54                  echo "</br> NIM cannot be empty, fill it first";
55              } elseif ($name == '') {
56                  echo "</br> Name cannot be empty, fill it first";
57              } elseif ($address == '') {
58                  echo "</br> Address cannot be empty, fill it first";
59              } else {
60                  mysqli_query(mysql: $conn, query: $input);
61                  echo "</br> Data entered successfully";
62              }
63          }
64
65          if ($update) {
66              $update_query = "UPDATE student SET Name='$name', Class='$class', Address='$address' WHERE NIM='$nim'";
67              mysqli_query(mysql: $conn, query: $update_query);
68              echo "</br> Data updated successfully";
69          }
```

```php
        ?>
        <hr>
        <h3>Student</h3>
        <table border="1" width="50%">
            <tr>
                <td align="center" width="20%"><b>NIM</b></td>
                <td align="center" width="30%"><b>Name</b></td>
                <td align="center" width="10%"><b>Class</b></td>
                <td align="center" width="30%"><b>Address</b></td>
                <td align="center" width="10%"><b>Keterangan</b></td>
            </tr>
            <?php
            $search = "SELECT * FROM student ORDER BY NIM";
            $search_results = mysqli_query(mysql: $conn, query: $search);
            while ($data = mysqli_fetch_row(result: $search_results)) {
                echo "
                <tr>
                    <td width='20%'>$data[0]</td>
                    <td width='30%'>$data[1]</td>
                    <td width='10%'>$data[2]</td>
                    <td width='30%'>$data[3]</td>
                    <td width='10%'>
                        <form action='edit.php' method='get' style='display:inline;'>
                            <input type='hidden' name='NIM' value='$data[0]'>
                            <input type='hidden' name='Name' value='$data[1]'>
                            <input type='hidden' name='Class' value='$data[2]'>
                            <input type='hidden' name='Address' value='$data[3]'>
                            <input type='submit' value='Ubah'>
                        </form>
                    </td>
                </tr>";
            }
            ?>
        </table>
    </center>
</body>

</html>
```

Picture 1.1 task code form1.php

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit Student</title>
</head>

<body>
    <center>
        <h3>Edit Student Data :</h3>
        <form action="edit.php" method="post">
            <table border="0" width="30%">
                <tr>
                    <td width="25%">NIM</td>
                    <td width="5%">:</td>
                    <td width="65%"><input type="text" name="NIM" size="10" value="<?php echo $_GET['NIM']; ?>" readonly></td>
                </tr>
                <tr>
                    <td width="25%">Name</td>
                    <td width="5%">:</td>
                    <td width="65%"><input type="text" name="Name" size="30" value="<?php echo $_GET['Name']; ?>"></td>
                </tr>
                <tr>
                    <td width="25%">Class</td>
                    <td width="5%">:</td>
                    <td width="65%">
                        <input type="radio" name="Class" value="A" <?php echo ($_GET['Class'] == 'A') ? 'checked' : ''; ?>>A
                        <input type="radio" name="Class" value="B" <?php echo ($_GET['Class'] == 'B') ? 'checked' : ''; ?>>B
                        <input type="radio" name="Class" value="C" <?php echo ($_GET['Class'] == 'C') ? 'checked' : ''; ?>>C
                    </td>
                </tr>
                <tr>
                    <td width="25%">Address</td>
                    <td width="5%">:</td>
                    <td width="65%"><input type="text" name="Address" size="40" value="<?php echo $_GET['Address']; ?>"></td>
                </tr>
            </table>
            <input type="submit" name="update" value="Update">
        </form>
        <?php
```

```
43 ∨          if (isset($_POST['update'])) {
44                  $conn = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "informatika");
45                  $nim = $_POST['NIM'];
46                  $name = $_POST['Name'];
47                  $class = $_POST['Class'];
48                  $address = $_POST['Address'];
49                  $update_query = "UPDATE student SET Name='$name', Class='$class', Address='$address' WHERE NIM='$nim'";
50                  mysqli_query(mysql: $conn, query: $update_query);
51                  echo "</br> Data updated successfully";
52                  header(header: "Location: form1.php");
53          }
54          ?>
55      </center>
56  </body>
57
58  </html>
```

Picture 1.2 the code edit.php

(Explanation)

This PHP code connects to a MySQL database named "informatika" and provides a form for entering and updating student data, including NIM, Name, Class, and Address. When the form is submitted, the data is either inserted into or updated in the "student" table in the database. The code includes validation to ensure that none of the fields are empty before performing the database operations. After successfully inserting or updating the data, it displays a message and retrieves all records from the "student" table, displaying them in a table format on the webpage. Additionally, each record has an "Edit" button that allows users to edit the corresponding student data.

Enter Student Data :

NIM   : [   ]
Name   : [   ]
Class   : ○ A ○ B ○ C
Address   : [   ]
                      Send

Warning: Undefined array key "NIM" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 45

Warning: Undefined array key "Name" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 46

Warning: Undefined array key "Class" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 47

Warning: Undefined array key "Address" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 48

Warning: Undefined array key "submit" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 49

Warning: Undefined array key "update" in C:\laragon\www\L200234275\Module_5\Task\form1.php on line 50

Student

NIM	Name	Class	Address	Keterangan
L200080001	Ari Wibowo	B	Solo	Ubah
L200080080	Agustina Anggraini	A	Sragen	Ubah
L20009939	Abhin	C	solo	Ubah
L200234275	Onic	B	Sukoharjo	Ubah
L200277887	Ida	A	Gonilan	Ubah
L200287879	Yahya	C	Mars	Ubah
l2003788	affan	B	pekalongan	Ubah
l209209	Ravi	C	pluto	Ubah
L39499934	fal	B	bekonang	Ubah

Picture 1.3 the output before update data for "fal" update class

Enter Student Data :

NIM : [   ]
Name : [   ]
Class : ○ A ○ B ○ C
Address : [   ]

[Send]

Warning: Undefined array key "NIM" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **45**

Warning: Undefined array key "Name" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **46**

Warning: Undefined array key "Class" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **47**

Warning: Undefined array key "Address" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **48**

Warning: Undefined array key "submit" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **49**

Warning: Undefined array key "update" in **C:\laragon\www\L200234275\Module_5\Task\form1.php** on line **50**

Student

NIM	Name	Class	Address	Keterangan
L200080001	Ari Wibowo	B	Solo	Ubah
L200080080	Agustina Anggraini	A	Sragen	Ubah
L20009939	Abhin	C	solo	Ubah
L200234275	Onic	B	Sukoharjo	Ubah
L200277887	Ida	A	Gonilan	Ubah
L200287879	Yahya	C	Mars	Ubah
l2003788	affan	B	pekalongan	Ubah
l209209	Ravi	C	pluto	Ubah
L39499934	fal	C	bekonang	Ubah

Picture 1.4 the output after update data "fal" update class B to C

Edit Student Data :

NIM : [L39499934]
Name : [fal]
Class : ○ A ○ B ● C
Address : [bekonang]

[Update]

Picture 1.5 the display edit.php

2. **The warehouse table consists of warehouse_code as primary key, warehouse_name and location. Write a program to create features View, inSERT, Update, and Delete for the warehouse table above.**

```php
Module_5 > Task > warehouse > ♥ warehouse.php > ⊘ html > ⊘ body > ⊘ center
1    <!DOCTYPE html>
2    <html lang="en">
3
4    <head>
5        <meta charset="UTF-8">
6        <meta name="viewport" content="width=device-width, initial-scale=1.0">
7        <title>Gudang dan Barang</title>
8    </head>
9
10   <body>
11       <center>
12           <h3>Enter Gudang Data :</h3>
13           <form action="warehouse.php" method="post">
14               <table border="0" width="30%">
15                   <tr>
16                       <td width="25%">Kode Gudang</td>
17                       <td width="5%">:</td>
18                       <td width="65%"><input type="text" name="kode_gudang" size="10" value="<?php echo isset($_GET['kode_gudang']) ? $_GET['kode_gudang'] : ''; ?>"></td>
19                   </tr>
20                   <tr>
21                       <td width="25%">Nama Gudang</td>
22                       <td width="5%">:</td>
23                       <td width="65%"><input type="text" name="nama_gudang" size="30" value="<?php echo isset($_GET['nama_gudang']) ? $_GET['nama_gudang'] : ''; ?>"></td>
24                   </tr>
25                   <tr>
26                       <td width="25%">Lokasi</td>
27                       <td width="5%">:</td>
28                       <td width="65%"><input type="text" name="lokasi" size="40" value="<?php echo isset($_GET['lokasi']) ? $_GET['lokasi'] : ''; ?>"></td>
29                   </tr>
30               </table>
31               <input type="submit" name="<?php echo isset($_GET['kode_gudang']) ? 'update_gudang' : 'submit_gudang'; ?>" value="<?php echo isset($_GET['kode_gudang']) ? 'Update' : 'Send'; ?>">
32           </form>
33
34           <h3>Enter Barang Data :</h3>
35           <form action="warehouse.php" method="post">
36               <table border="0" width="30%">
37                   <tr>
38                       <td width="25%">Kode Barang</td>
39                       <td width="5%">:</td>
40                       <td width="65%"><input type="text" name="kode_barang" size="10" value="<?php echo isset($_GET['kode_barang']) ? $_GET['kode_barang'] : ''; ?>"></td>
41                   </tr>
42                   <tr>
```

```php
43                       <td width="25%">Nama Barang</td>
44                       <td width="5%">:</td>
45                       <td width="65%"><input type="text" name="nama_barang" size="30" value="<?php echo isset($_GET['nama_barang']) ? $_GET['nama_barang'] : ''; ?>"></td>
46                   </tr>
47                   <tr>
48                       <td width="25%">Kode Gudang</td>
49                       <td width="5%">:</td>
50                       <td width="65%"><input type="text" name="kode_gudang_barang" size="10" value="<?php echo isset($_GET['kode_gudang_barang']) ? $_GET['kode_gudang_barang'] : ''; ?>"></td>
51                   </tr>
52               </table>
53               <input type="submit" name="<?php echo isset($_GET['kode_barang']) ? 'update_barang' : 'submit_barang'; ?>" value="<?php echo isset($_GET['kode_barang']) ? 'Update' : 'Send'; ?>">
54           </form>
55
56           <?php
57           $conn = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "warehouse");
58           error_reporting(error_level: E_ALL ^ E_NOTICE);
59
60           // Handle Gudang
61           $kode_gudang = $_POST['kode_gudang'];
62           $nama_gudang = $_POST['nama_gudang'];
63           $lokasi = $_POST['lokasi'];
64           $submit_gudang = $_POST['submit_gudang'];
65           $update_gudang = $_POST['update_gudang'];
66           $input_gudang = "INSERT INTO gudang (kode_gudang, nama_gudang, lokasi) VALUES ('$kode_gudang', '$nama_gudang', '$lokasi')";
67
68           if ($submit_gudang) {
69               if ($kode_gudang == '') {
70                   echo "</br> Kode Gudang cannot be empty, fill it first";
71               } elseif ($nama_gudang == '') {
72                   echo "</br> Nama Gudang cannot be empty, fill it first";
73               } elseif ($lokasi == '') {
74                   echo "</br> Lokasi cannot be empty, fill it first";
75               } else {
76                   mysqli_query(mysql: $conn, query: $input_gudang);
77                   echo "</br> Data entered successfully";
78               }
79           }
```

```php
    if ($update_gudang) {
        $update_query_gudang = "UPDATE gudang SET nama_gudang='$nama_gudang', lokasi='$lokasi' WHERE kode_gudang='$kode_gudang'";
        mysqli_query(mysql: $conn, query: $update_query_gudang);
        echo "</br> Data updated successfully";
    }

    // Handle Barang
    $kode_barang = $_POST['kode_barang'];
    $nama_barang = $_POST['nama_barang'];
    $kode_gudang_barang = $_POST['kode_gudang_barang'];
    $submit_barang = $_POST['submit_barang'];
    $update_barang = $_POST['update_barang'];
    $input_barang = "INSERT INTO barang (kode_barang, nama_barang, kode_gudang) VALUES ('$kode_barang', '$nama_barang', '$kode_gudang_barang')";

    if ($submit_barang) {
        if ($kode_barang == '') {
            echo "</br> Kode Barang cannot be empty, fill it first";
        } elseif ($nama_barang == '') {
            echo "</br> Nama Barang cannot be empty, fill it first";
        } elseif ($kode_gudang_barang == '') {
            echo "</br> Kode Gudang cannot be empty, fill it first";
        } else {
            mysqli_query(mysql: $conn, query: $input_barang);
            echo "</br> Data entered successfully";
        }
    }

    if ($update_barang) {
        $update_query_barang = "UPDATE barang SET nama_barang='$nama_barang', kode_gudang='$kode_gudang_barang' WHERE kode_barang='$kode_barang'";
        mysqli_query(mysql: $conn, query: $update_query_barang);
        echo "</br> Data updated successfully";
    }
    ?>

    <hr>
    <h3>Gudang</h3>
    <table border="1" width="50%">
        <tr>
            <td align="center" width="20%"><b>Kode Gudang</b></td>
            <td align="center" width="30%"><b>Nama Gudang</b></td>
            <td align="center" width="30%"><b>Lokasi</b></td>
            <td align="center" width="20%"><b>Keterangan</b></td>
        </tr>
        <?php
        $search_gudang = "SELECT * FROM gudang ORDER BY kode_gudang";
        $search_results_gudang = mysqli_query(mysql: $conn, query: $search_gudang);
        while ($data_gudang = mysqli_fetch_row(result: $search_results_gudang)) {
            echo "
            <tr>
                <td width='20%'>$data_gudang[0]</td>
                <td width='30%'>$data_gudang[1]</td>
                <td width='30%'>$data_gudang[2]</td>
                <td width='20%'>
                    <form action='edit.php' method='get' style='display:inline;'>
                        <input type='hidden' name='kode_gudang' value='$data_gudang[0]'>
                        <input type='hidden' name='nama_gudang' value='$data_gudang[1]'>
                        <input type='hidden' name='lokasi' value='$data_gudang[2]'>
                        <input type='submit' value='Ubah'>
                    </form>
                    <form action='delete.php' method='post' style='display:inline;'>
                        <input type='hidden' name='kode_gudang' value='$data_gudang[0]'>
                        <input type='submit' name='delete_gudang' value='Hapus'>
                    </form>
                </td>
            </tr>";
        }
        ?>
    </table>

    <hr>
    <h3>Barang</h3>
    <table border="1" width="50%">
        <tr>
```

```
150        <hr>
151        <h3>Barang</h3>
152        <table border="1" width="50%">
153            <tr>
154                <td align="center" width="20%"><b>Kode Barang</b></td>
155                <td align="center" width="30%"><b>Nama Barang</b></td>
156                <td align="center" width="30%"><b>Kode Gudang</b></td>
157                <td align="center" width="20%"><b>Keterangan</b></td>
158            </tr>
159            <?php
160            $search_barang = "SELECT * FROM barang ORDER BY kode_barang";
161            $search_results_barang = mysqli_query(mysql: $conn, query: $search_barang);
162            while ($data_barang = mysqli_fetch_row(result: $search_results_barang)) {
163                echo "
164                <tr>
165                    <td width='20%'>$data_barang[0]</td>
166                    <td width='30%'>$data_barang[1]</td>
167                    <td width='30%'>$data_barang[2]</td>
168                    <td width='20%'>
169                        <form action='edit.php' method='get' style='display:inline;'>
170                            <input type='hidden' name='kode_barang' value='$data_barang[0]'>
171                            <input type='hidden' name='nama_barang' value='$data_barang[1]'>
172                            <input type='hidden' name='kode_gudang_barang' value='$data_barang[2]'>
173                            <input type='submit' value='Ubah'>
174                        </form>
175                        <form action='delete.php' method='post' style='display:inline;'>
176                            <input type='hidden' name='kode_barang' value='$data_barang[0]'>
177                            <input type='submit' name='delete_barang' value='Hapus'>
178                        </form>
179                    </td>
180                </tr>";
181            }
182            ?>
183        </table>
184    </center>
185  </body>
186
187  </html>
```

Picture 2.1 the code warehouse.php

```
Module_5 > Task > warehouse > 🐘 edit.php > ⬦ html > ⬦ body > ⬦ center > ⬦ form
1    <!DOCTYPE html>
2    <html lang="en">
3
4    <head>
5        <meta charset="UTF-8">
6        <meta name="viewport" content="width=device-width, initial-scale=1.0">
7        <title>Edit Data</title>
8    </head>
9
10   <body>
11       <center>
12           <h3>Edit Data :</h3>
13           <form action="warehouse.php" method="post">
14               <?php if (isset($_GET['kode_gudang'])): ?>
15                   <table border="0" width="30%">
16                       <tr>
17                           <td width="25%">Kode Gudang</td>
18                           <td width="5%">:</td>
19                           <td width="65%"><input type="text" name="kode_gudang" size="10" value="<?php echo $_GET['kode_gudang']; ?>" readonly></td>
20                       </tr>
21                       <tr>
22                           <td width="25%">Nama Gudang</td>
23                           <td width="5%">:</td>
24                           <td width="65%"><input type="text" name="nama_gudang" size="30" value="<?php echo $_GET['nama_gudang']; ?>"></td>
25                       </tr>
26                       <tr>
27                           <td width="25%">Lokasi</td>
28                           <td width="5%">:</td>
29                           <td width="65%"><input type="text" name="lokasi" size="40" value="<?php echo $_GET['lokasi']; ?>"></td>
30                       </tr>
31                   </table>
32                   <input type="submit" name="update_gudang" value="Update">
33               <?php elseif (isset($_GET['kode_barang'])): ?>
34                   <table border="0" width="30%">
35                       <tr>
36                           <td width="25%">Kode Barang</td>
37                           <td width="5%">:</td>
38                           <td width="65%"><input type="text" name="kode_barang" size="10" value="<?php echo $_GET['kode_barang']; ?>" readonly></td>
39                       </tr>
40                       <tr>
41                           <td width="25%">Nama Barang</td>
42                           <td width="5%">:</td>
```

Picture 2.2 the code edit.php

```php
Module_5 > Task > warehouse > 🐘 delete.php > ...
1    <?php
2    $conn = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "warehouse");
3
4    if (isset($_POST['delete_gudang'])) {
5        $kode_gudang = $_POST['kode_gudang'];
6        $delete_query_gudang = "DELETE FROM gudang WHERE kode_gudang='$kode_gudang'";
7        mysqli_query(mysql: $conn, query: $delete_query_gudang);
8        header(header: "Location: warehouse.php");
9    }
10
11   if (isset($_POST['delete_barang'])) {
12       $kode_barang = $_POST['kode_barang'];
13       $delete_query_barang = "DELETE FROM barang WHERE kode_barang='$kode_barang'";
14       mysqli_query(mysql: $conn, query: $delete_query_barang);
15       header(header: "Location: warehouse.php");
16   }
17   ?>
```

Picture 2.3 the code delete.php

(Explanation)

This PHP code connects to a MySQL database named "warehouse" and provides forms for entering and updating data for two tables: gudang (warehouse) and barang (goods). It includes validation to ensure that none of the fields are empty before performing the database operations. When the form is submitted, the data is either inserted into or updated in the respective tables. After successfully inserting or updating the data, it displays a message and retrieves all records from both tables, displaying them in separate tables on the webpage. Additionally, each record has "Edit" and "Delete" buttons that allow users to edit or delete the corresponding data.

Enter Gudang Data :

Kode Gudang   : [_____]
Nama Gudang   : [_____]
Lokasi   : [_____]
                          [Send]

Enter Barang Data :

Kode Barang   : [_____]
Nama Barang   : [_____]
Kode Gudang   : [_____]
                          [Send]

Warning: Undefined array key "kode_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **61**

Warning: Undefined array key "nama_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **62**

Warning: Undefined array key "lokasi" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **63**

Warning: Undefined array key "submit_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **64**

Warning: Undefined array key "update_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **65**

Warning: Undefined array key "kode_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **88**

Warning: Undefined array key "nama_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **89**

Warning: Undefined array key "kode_gudang_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **90**

Warning: Undefined array key "submit_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **91**

Warning: Undefined array key "update_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **92**

Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
1	Buah	Sukoharjo	[Ubah] [Hapus]
2	Sempol_balap	Bekonang	[Ubah] [Hapus]

Barang

Kode Barang	Nama Barang	Kode Gudang	Keterangan
1	Susu	3	[Ubah] [Hapus]

Picture 2.4 the output.

Edit Data :

Kode Gudang   :   [1]
Nama Gudang   :   [Buah]
Lokasi   :   [Sukoharjo]
                          [Update]

Picture 2.5 the output update data

Enter Gudang Data :

Kode Gudang	:	
Nama Gudang	:	
Lokasi	:	

Send

Enter Barang Data :

Kode Barang	:	
Nama Barang	:	
Kode Gudang	:	

Send

Warning: Undefined array key "kode_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **61**

Warning: Undefined array key "nama_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **62**

Warning: Undefined array key "lokasi" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **63**

Warning: Undefined array key "submit_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **64**

Warning: Undefined array key "update_gudang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **65**

Warning: Undefined array key "kode_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **88**

Warning: Undefined array key "nama_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **89**

Warning: Undefined array key "kode_gudang_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **90**

Warning: Undefined array key "submit_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **91**

Warning: Undefined array key "update_barang" in **C:\laragon\www\L200234275\Module_5\Task\warehouse\warehouse.php** on line **92**

Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
1	Buah-buahan	Sukoharjo	Ubah Hapus
2	Sempol_balap	Bekonang	Ubah Hapus

Barang

Kode Barang	Nama Barang	Kode Gudang	Keterangan

Picture 2.6 the all output, update delete insert and view