



# UNIVERSITY OF INFORMATION TECHNOLOGY AND SCIENCES (UITs)

LAB REPORT : 5

IT-422 : INTERNET PROGRAMMING LAB

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## Using php to create read update delete from database

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*Submitted To:*

Zinia Anzum Tonni  
Lecturer,  
Department of IT, UITs

*Submitted By:*

Name: Nazmul Zaman  
Student ID:2014755055  
Department of IT UITs

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# 1 Inserting data in the database

## 1.1 Insert data

```

1  <pre>
2  <?php
3
4      // connect with the database
5  $mysqli = new mysqli('localhost', 'root', '1234', 'IP5')
6  or die(mysqli_error($mysqli));
7
8      // prefrom the sql query
9  $mysqli -> query("INSERT INTO nazmul VALUES(2014755036, 'Jerin', 'jerin@uits.edu.com', 01941942797);")
10 or die($mysqli -> error);
11
12 ?>
13 </pre>

```

Figure 1: Insert.php

## 1.2 Output

+ Options

ID	Name	Email	Phone
2014755055	Nazmul Zaman	2014755055@uits.edu.com	1989658976
55	Nazmul	nazmul@uits.edu.com	1941879697
2014755056	Shael	shael@uits.edu.com	1941876725
2014755036	Jerin	jerin@uits.edu.com	1941942797

Figure 2: Output

## 2 Read data from the database

### 2.1 Read data

```
1  <?php
2
3  $mysqli = new mysqli('localhost', 'root', '1234', 'IP5') or die(mysqli_error($mysqli));
4
5  // prefrom the sql query
6  $result = $mysqli->query("SELECT * FROM nazmul;") or die($mysqli->error);
7
8  // pre_r($result);
9
10 // pre_r($result -> fetch_assoc());
11
12 $x = 0;
13 while ($x < 4){
14     pre_r($result->fetch_assoc());
15     $x++;
16 }
17
18 function pre_r($array){
19     echo '<pre>';
20     print_r($array);
21     echo '</pre>';
22 }
23
24 ?>
25
```

Figure 3: Read.php

### 2.2 Output

```
Array
(
    [ID] => 2014755055
    [Name] => Nazmul Zaman
    [Email] => 2014755055@uits.edu.com
    [Phone] => 1989658976
)

Array
(
    [ID] => 55
    [Name] => Nazmul
    [Email] => nazmul@uits.edu.com
    [Phone] => 1941879697
)

Array
(
    [ID] => 2014755056
    [Name] => Shael
    [Email] => shael@uits.edu.com
    [Phone] => 1941876725
)

Array
(
    [ID] => 2014755036
    [Name] => Jerin
    [Email] => jerin@uits.edu.com
    [Phone] => 1941942797
)
```

Figure 4: Output

### 3 Updating data from the database

#### 3.1 Update data

```

1  <?php
2
3      // connect with the database
4      $mysqli = new mysqli('localhost', 'root', '1234', 'IP5') or die(mysqli_error($mysqli));
5
6      // prefrom the sql query
7      $mysqli -> query("UPDATE nazmul SET ID= 2014755055, Name ='Haider', email = 'haider@gmail.com' where ID
8          = 55;") or die($mysqli -> error);
9
10     // prefrom the sql query
11     $result = $mysqli->query("SELECT * FROM nazmul;") or die($mysqli->error);
12
13     $x = 0;
14     while ($x < 4){
15         pre_r($result->fetch_assoc());
16         $x++;
17     }
18
19     function pre_r($array){
20         echo '<pre>';
21         print_r($array);
22         echo '</pre>';
23     }
24     ?>

```

Figure 5: Update.php

#### 3.2 Ouput

+ Options

ID	Name	Email	Phone
2014755055	Nazmul Zaman	2014755055@uits.edu.com	1989658976
2014755055	Haider	haider@gmail.com	1941879697
2014755056	Shael	shael@uits.edu.com	1941876725
2014755036	Jerin	jerin@uits.edu.com	1941942797

Figure 6: Output

## 4 Deleting data from the database

### 4.1 Delete data

```
1  <?php
2
3      // connect with the database
4      $mysqli = new mysqli('localhost', 'root', '1234', 'IP5') or die(mysqli_error($mysqli));
5
6      // prefrom the sql query
7      $mysqli -> query("DELETE from nazmul where Name = 'Haider';") or die($mysqli -> error);
8
9      // prefrom the sql query
10     $result = $mysqli->query("SELECT * FROM nazmul;") or die($mysqli->error);
11
12     $x = 0;
13     while ($x < 4){
14         pre_r($result->fetch_assoc());
15         $x++;
16     }
17
18     function pre_r($array){
19         echo '<pre>';
20         print_r($array);
21         echo '</pre>';
22     }
23
24  ?>
```

Figure 7: Delete.php

## 4.2 Ouput

+ Options

ID	Name	Email	Phone
2014755055	Nazmul Zaman	2014755055@uits.edu.com	1989658976
2014755056	Shael	shael@uits.edu.com	1941876725
2014755036	Jerin	jerin@uits.edu.com	1941942797

Figure 8: Output