

PHP Mysql CRUD

Insert

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "INSERT INTO MyGuests (firstname, lastname, email)
VALUES ('John', 'Doe', 'john@example.com')";

if (mysqli_query($conn, $sql)) {
    echo "New record created successfully";
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

mysqli_close($conn);
?>
```

Update

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";
```

```

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";

if (mysqli_query($conn, $sql)) {
    echo "Record updated successfully";
} else {
    echo "Error updating record: " . mysqli_error($conn);
}

mysqli_close($conn);
?>

```

Select

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT id, firstname, lastname FROM MyGuests";
$result = mysqli_query($conn, $sql);

if (mysqli_num_rows($result) > 0) {
    // output data of each row
    while($row = mysqli_fetch_assoc($result)) {
        echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " .
        $row["lastname"]. "<br>";
    }
}

```

```
} else {  
    echo "0 results";  
}
```

```
mysqli_close($conn);
```

```
?>
```

Delete

```
<?php
```

```
$servername = "localhost";
```

```
$username = "username";
```

```
$password = "password";
```

```
$dbname = "myDB";
```

```
// Create connection
```

```
$conn = mysqli_connect($servername, $username, $password, $dbname);
```

```
// Check connection
```

```
if (!$conn) {
```

```
    die("Connection failed: " . mysqli_connect_error());
```

```
}
```

```
// sql to delete a record
```

```
$sql = "DELETE FROM MyGuests WHERE id=3";
```

```
if (mysqli_query($conn, $sql)) {
```

```
    echo "Record deleted successfully";
```

```
} else {
```

```
    echo "Error deleting record: " . mysqli_error($conn);
```

```
}
```

```
mysqli_close($conn);
```

```
?>
```

Ref : https://www.w3schools.com/php/php_mysql_delete.asp