**51,52,53 Server code for MYSQL and PHP**

**Insert Data using PHP + MYSQL**

<?php

/\* Attempt MySQL server connection. Assuming you are running MySQL

server with default setting (user 'root' with no password) \*/

$link = mysqli\_connect("localhost", "root", "", "demo");

// Check connection

if($link === false){

die("ERROR: Could not connect. " . mysqli\_connect\_error());

}

// Attempt insert query execution

$sql = "INSERT INTO persons (first\_name, last\_name, email) VALUES

('John', 'Rambo', 'johnrambo@mail.com'),

('Clark', 'Kent', 'clarkkent@mail.com'),

('John', 'Carter', 'johncarter@mail.com'),

('Harry', 'Potter', 'harrypotter@mail.com')";

if(mysqli\_query($link, $sql)){

echo "Records added successfully.";

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($link);

}

// Close connection

mysqli\_close($link);

?>

**Desiplay Data using PHP + MYSQL**

<?php

/\* Attempt MySQL server connection. Assuming you are running MySQL

server with default setting (user 'root' with no password) \*/

$link = mysqli\_connect("localhost", "root", "", "demo");

// Check connection

if($link === false){

die("ERROR: Could not connect. " . mysqli\_connect\_error());

}

// Attempt select query execution

$sql = "SELECT \* FROM persons";

if($result = mysqli\_query($link, $sql)){

if(mysqli\_num\_rows($result) > 0){

echo "<table>";

echo "<tr>";

echo "<th>id</th>";

echo "<th>first\_name</th>";

echo "<th>last\_name</th>";

echo "<th>email</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<tr>";

echo "<td>" . $row['id'] . "</td>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['email'] . "</td>";

echo "</tr>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($link);

}

// Close connection

mysqli\_close($link);

?>

**Update Data using PHP + MYSQL**

<?php

/\* Attempt MySQL server connection. Assuming you are running MySQL

server with default setting (user 'root' with no password) \*/

$link = mysqli\_connect("localhost", "root", "", "demo");

// Check connection

if($link === false){

die("ERROR: Could not connect. " . mysqli\_connect\_error());

}

// Attempt update query execution

$sql = "UPDATE persons SET email='peterparker\_new@mail.com' WHERE id=1";

if(mysqli\_query($link, $sql)){

echo "Records were updated successfully.";

} else {

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($link);

}

// Close connection

mysqli\_close($link);

?>

**Delete Data using PHP + MYSQL**

<?php

/\* Attempt MySQL server connection. Assuming you are running MySQL

server with default setting (user 'root' with no password) \*/

$link = mysqli\_connect("localhost", "root", "", "demo");

// Check connection

if($link === false){

die("ERROR: Could not connect. " . mysqli\_connect\_error());

}

// Attempt delete query execution

$sql = "DELETE FROM persons WHERE idno>1";

if(mysqli\_query($link, $sql)){

echo "Records were deleted successfully.";

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($link);

}

// Close connection

mysqli\_close($link);

?

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