

Using Databases with HTML

We are going to create a page that allows a user to type in their name. The data will be stored to a database.

User Side HTML Page:

ExampleForms.html

```
<html>
<head>
  <h2>A webpage that adds information to my database.</h2>
</head>

<body>
  <form action="ExampleForms.php" method="post">
    <h3>First Name:</h3>
    <input type="text" name="firstname">

    <h3>Last Name:</h3>
    <input type="text" name="lastname">
    <br><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

Then we will create a PHP page that the form will link to. In the above example it is named ExampleForms.php so I will keep the name the same.

ExampleForms.php

```
<html>
<body>
<?php
$servername = getenv('IP');
$username = getenv('C9_USER');
$password = "";
$database = "c9";
$dbport = 3306;
```

```

// Create connection
$db = new mysqli($servername, $username, $password, $database, $dbport);
// Check connection
if ($db->connect_error) {
    die("Connection failed: " . $db->connect_error);
}
echo "Connected successfully (". $db->host_info. ")";

$sql = "INSERT INTO names (firstName, lastName) VALUES ('$_POST[firstname]', '$_POST[lastname]')";

if ($db->query($sql) === TRUE) {
    echo "New record created successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}

$db->close();
?>
</body>
</html>

```

Once this page is created, you should go back to the command line.

Type `SELECT * FROM names;`.

The `*` in the command is a wildcard and, as in a Google search query, means to match any string. What does MySQL display?