

The background features a dark blue-to-purple gradient with abstract white and light blue geometric patterns. These include concentric circles, arcs, and degree markings (40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) that suggest a technical or design theme.

AJAX 程式設計

AJAX PROGRAMMING

DESIGN

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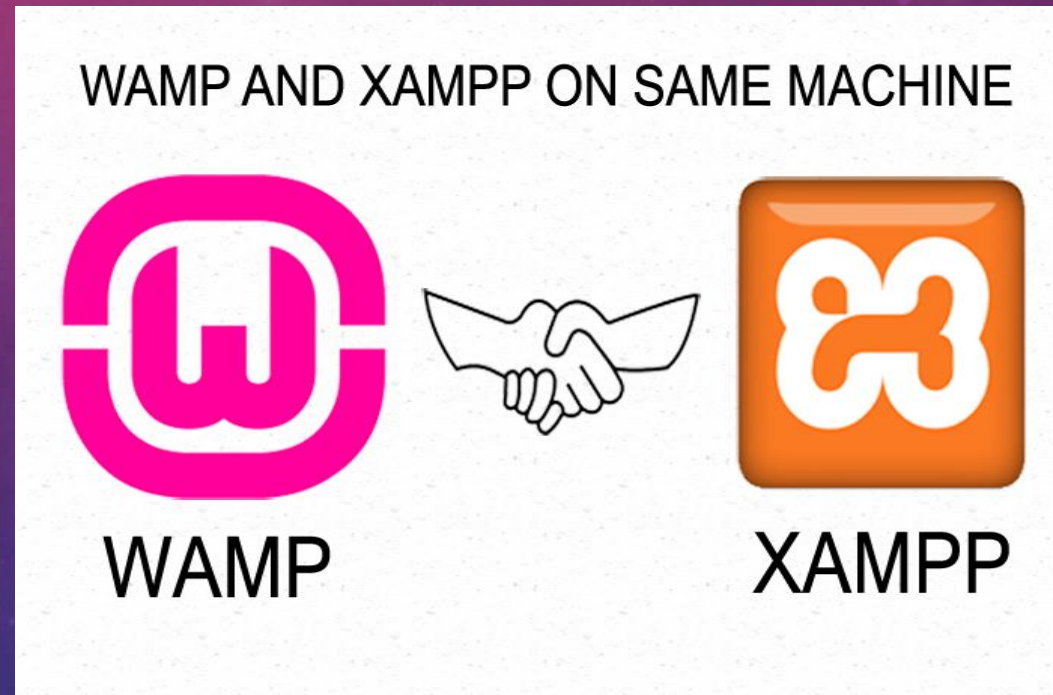
FORM POST BY PHP & MYSQL

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MYSQL

ENVIRONMENTS SETUP IN WINDOWS

- For Windows OS
 - XAMPP
 - WAMP



BASIC FORM TO PHP BY POST

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5     <h2>Grouping Form Data with Fieldset</h2>
6     <p>The fieldset element is used to group related data in a form,
7     and the legend element defines a caption for the fieldset element.</p>
8
9     <!--
10     /action_page.php?firstname=Mickey&lastname=Mouse
11     -->
12
13     <form action="post_page.php" method="post">
14         <fieldset>
15             <legend>Personal information</legend>
16             Name:<br>
17             <input type="text" name="name" value="Jia Wei Chang">
18             <br>
19             Email:<br>
20             <input type="text" name="email" value="jwchang@nutc.edu.tw">
21             <br><br>
22             <input type="submit" value="Submit">
23         </fieldset>
24     </form>
25
26 </body>
27 </html>
```

baicform.html

```
1 <?php
2
3 echo "Welcome ~ ". $_POST["name"]. "<br>";
4 echo "Your email address is: ". $_POST["email"];
5
6 ?>
```

post_page.php

BASIC FORM TO PHP BY GET

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5     <h2>Grouping Form Data with Fieldset</h2>
6     <p>The fieldset element is used to group related data in a form,
7     and the legend element defines a caption for the fieldset element.</p>
8
9     <!--
10     /action_page.php?firstname=Mickey&lastname=Mouse
11     -->
12
13     <form action="get_page.php" method="get">
14         <fieldset>
15             <legend>Personal information</legend>
16             Name:<br>
17             <input type="text" name="name" value="Jia Wei Chang">
18             <br>
19             Email:<br>
20             <input type="text" name="email" value="jwchang@nutc.edu.tw">
21             <br><br>
22             <input type="submit" value="Submit">
23         </fieldset>
24     </form>
25
26 </body>
27 </html>
```

baicform.html

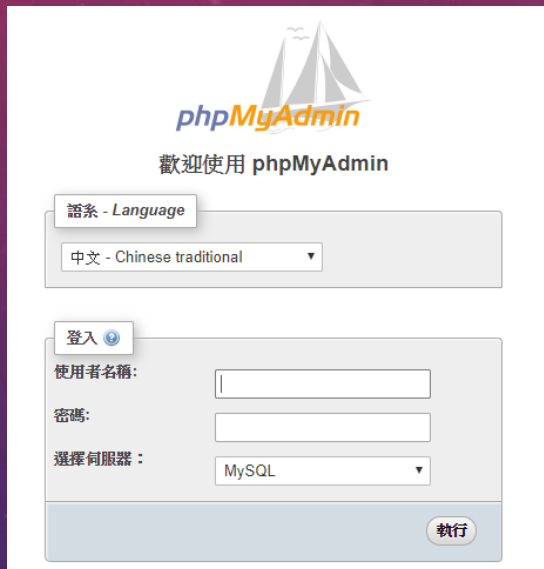
```
1 <?php
2
3 echo "Welcome ~ ". $_GET["name"]."<br>";
4 echo "Your email address is: ".$_GET["email"];
5
6 ?>
```

get_page.php

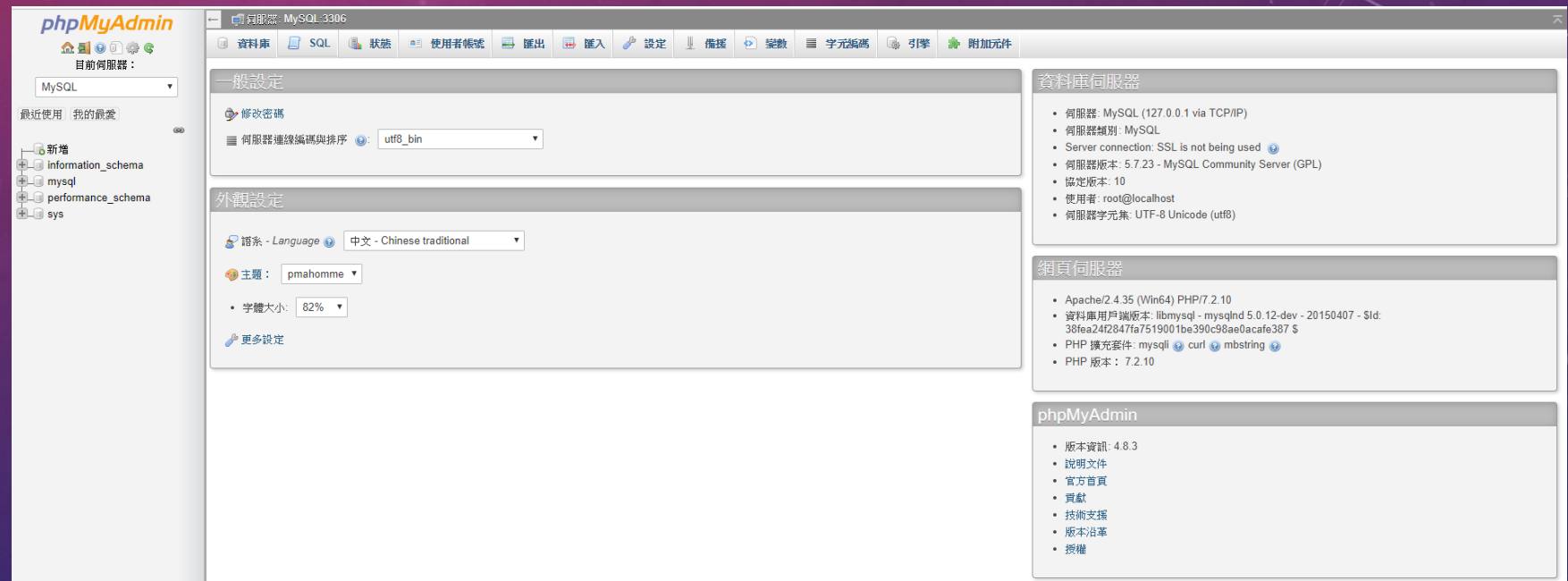
localhost/1027/get_page.php?name=Jia+Wei+Chang&email=jwchang%40nutc.edu.tw

MYSQL

- User Name: root
- Password:



The image shows the phpMyAdmin welcome screen. At the top is the phpMyAdmin logo and the text "歡迎使用 phpMyAdmin". Below this is a section for language selection with a dropdown menu set to "中文 - Chinese traditional". Further down is a login section with fields for "使用者名稱:" (Username) and "密碼:" (Password), and a dropdown for "選擇伺服器:" (Select server) set to "MySQL". A "執行" (Execute) button is at the bottom right.



The image shows the main interface of phpMyAdmin. The top navigation bar includes links for "資料庫" (Database), "SQL", "狀態" (Status), "使用者帳號" (User accounts), "匯出" (Export), "匯入" (Import), "設定" (Settings), "備援" (Backup), "變數" (Variables), "字元編碼" (Character encoding), "引擎" (Engines), and "附加元件" (Plugins). The left sidebar shows the "目前伺服器:" (Current server) dropdown set to "MySQL", and a list of databases: "information_schema", "mysql", "performance_schema", and "sys". The main content area is divided into two sections: "一般設定" (General settings) and "外觀設定" (Appearance settings). The "一般設定" section includes a "修改密碼" (Change password) link and a dropdown for "伺服器連線編碼與排序" (Server connection encoding and collation) set to "utf8_bin". The "外觀設定" section includes a language dropdown set to "中文 - Chinese traditional", a theme dropdown set to "pmahomme", and a font size dropdown set to "82%". The right sidebar contains two sections: "資料庫伺服器" (Database server) and "網頁伺服器" (Web server). The "資料庫伺服器" section lists details about the MySQL server, including version, connection, and user. The "網頁伺服器" section lists details about the Apache/PHP environment. At the bottom right, there is a section for "phpMyAdmin" with links to version, documentation, official website, and other resources.

MYSQL

- Database Name
- utf8_bin



phpMyAdmin

目前伺服器: MySQL

最近使用 我的最愛

新增

- information_schema
- mysql
- performance_schema
- sys

伺服器: MySQL:3306

資料庫 SQL 狀態 使用者帳號 匯出 匯入 設定 備援

資料庫

建立新資料庫

1027 utf8_bin 建立

資料庫	編碼與排序	動作
<input type="checkbox"/> information_schema	utf8_general_ci	檢查權限
<input type="checkbox"/> mysql	latin1_swedish_ci	檢查權限
<input type="checkbox"/> performance_schema	utf8_general_ci	檢查權限
<input type="checkbox"/> sys	utf8_general_ci	檢查權限
總計: 4	latin1_swedish_ci	

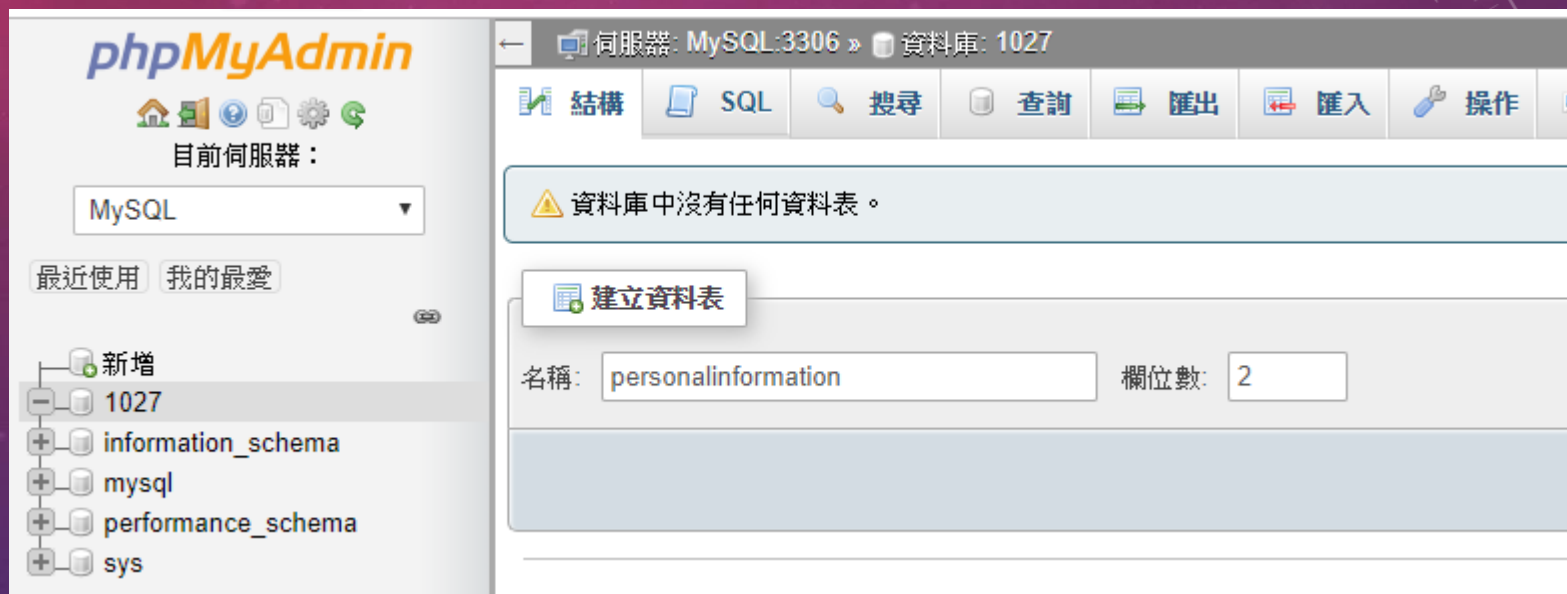
↑ ☐ 全選 已選擇項目: 刪除

⚠ 注意: 在此開啟資料庫統計可能導致網頁伺服器與 MySQL 伺服器之間的流量驟增。

- 開啟統計資訊

MYSQL

- Table Name
- 2



MYSQL

- id, int, utf8_bin, A_I, PRIMARY
- name, text, utf8_bin
- email, text, utf8_bin

The screenshot shows the phpMyAdmin interface for a MySQL database. The top navigation bar includes links for '瀏覽' (Browse), '結構' (Structure), 'SQL', '搜尋' (Search), '新增' (Add), '匯出' (Export), '匯入' (Import), '權限' (Privileges), '操作' (Operations), and '觸發器' (Triggers). The main content area is titled 'MySQL 3306 > 資料庫: 1027 > 資料表: personalinformation'. A red box highlights the '資料表名稱' (Table Name) field, which contains 'personalinformation', and the '新增' (Add) button. Below this, the '結構' (Structure) tab is active, displaying a table structure with the following columns:

名稱	型態	長度/值	預設值	編碼與排序	屬性	空值	索引
id	INT		無	utf8_bin		<input type="checkbox"/>	PRIMARY
name	TEXT		無	utf8_bin		<input type="checkbox"/>	---
email	TEXT		無	utf8_bin		<input type="checkbox"/>	---

Below the table structure, there are sections for '資料表備註' (Table Comment), '編碼與排序' (Encoding and Collation), and '儲存引擎' (Storage Engine). The '儲存引擎' is set to 'MyISAM'. There is also a 'PARTITION 定義' (Partition Definition) section with fields for '分區依' (Partition by) and '分區' (Partition).

MYSQL

伺服器: MySQL:3306 » 資料庫: 1027 » 資料表: personalinformation

瀏覽 結構 SQL 搜尋 新增 匯出 匯入 權限 操作 觸發器

#	名稱	型態	編碼與排序	屬性	空值	預設值	備註	額外資訊	動作
<input type="checkbox"/>	1	id	int(11)		否	無		AUTO_INCREMENT	修改 刪除 更多
<input type="checkbox"/>	2	name	text	utf8_bin	否	無			修改 刪除 更多
<input type="checkbox"/>	3	email	text	utf8_bin	否	無			修改 刪除 更多

全選 已選擇項目: 瀏覽 修改 刪除 主鍵 唯一 索引 全文搜尋 全文搜尋

列印 分析資料表結構 移動欄位 Normalize

增加 1 個欄位 於 email 之後 執行

MYSQL -INSERT

```
1 <?php
2
3 echo "Welcome ~ ". $_POST["name"]."<br>";
4 echo "Your email address is: ".$_POST["email"]."<br>";
5
6
7 $servername = "localhost";
8 $username = "root";
9 $password = "";
10 $dbname = "1027";
11
12 // Create connection
13 $conn = new mysqli($servername, $username, $password, $dbname);
14 // Check connection
15 if ($conn->connect_error) {
16     die("Connection failed: " . $conn->connect_error);
17 }
18
19 $sql = "INSERT personalinformation (name, email)
20 VALUES ('".$_POST["name"]."', '".$_POST["email"]."')";
21
22 if ($conn->query($sql) === TRUE) {
23     echo "New record created successfully";
24 } else {
25     echo "Error: " . $sql . "<br>" . $conn->error;
26 }
27
28 $conn->close();
29
30 ?>
```

+ 選項				
← T →		id	name	email
<input type="checkbox"/>	 編輯	 複製	 刪除	1 Jia Wei Chang jwchang@nutc.edu.tw
	<input type="checkbox"/> 全選	已選擇項目:  編輯  複製  刪除  匯出		

MYSQL -UPDATE

```
1 <?php
2
3 echo "Welcome ~ " . $_POST["name"] . "<br>";
4 echo "Your email address is: " . $_POST["email"] . "<br>";
5
6
7 $servername = "localhost";
8 $username = "root";
9 $password = "";
10 $dbname = "1027";
11
12 // Create connection
13 $conn = new mysqli($servername, $username, $password, $dbname);
14 // Check connection
15 if ($conn->connect_error) {
16     die("Connection failed: " . $conn->connect_error);
17 }
18
19 $sql = "UPDATE `personalinformation` SET `email` = '" . $_POST["email"] . "' WHERE `id` = 1";
20
21 if ($conn->query($sql) === TRUE) {
22     echo "Record updated successfully";
23 } else {
24     echo "Error: " . $sql . "<br>" . $conn->error;
25 }
26
27 $conn->close();
28
29 ?>
```

+ 選項



id

name

email



編輯



複製



刪除

1

Jia Wei Chang

jiaweichang.gary@gmail.com

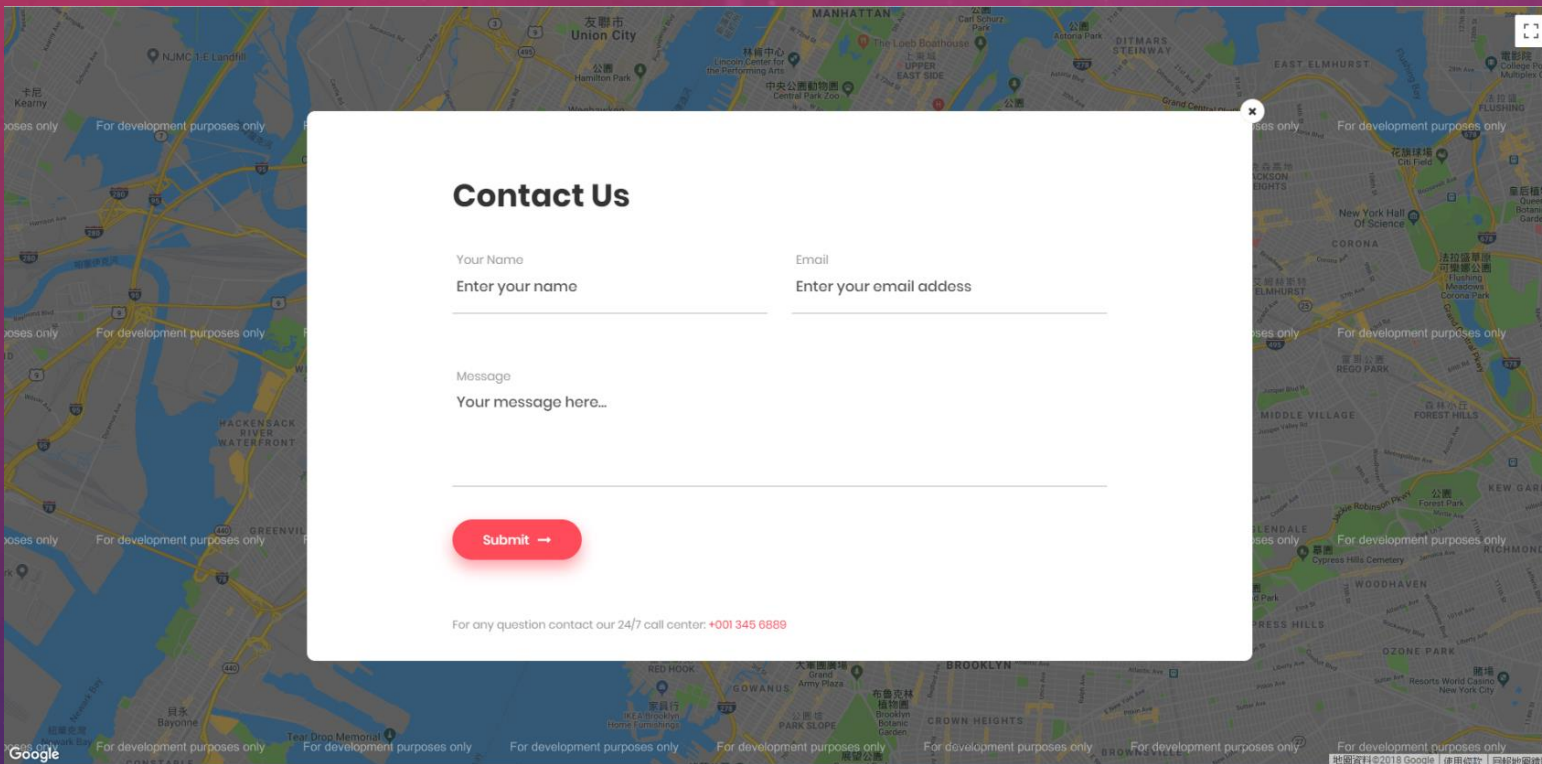
MYSQL -DELETE

```
1 <?php
2
3 echo "Welcome ~ " . $_POST["name"] . "<br>";
4 echo "Your email address is: " . $_POST["email"] . "<br>";
5
6
7 $servername = "localhost";
8 $username = "root";
9 $password = "";
10 $dbname = "1027";
11
12 // Create connection
13 $conn = new mysqli($servername, $username, $password, $dbname);
14 // Check connection
15 if ($conn->connect_error) {
16     die("Connection failed: " . $conn->connect_error);
17 }
18
19 $sql = "DELETE FROM personalinformation WHERE email = '" . $_POST["email"] . "' AND name = '" . $_POST["name"] . "'";
20
21 if ($conn->query($sql) === TRUE) {
22     echo "Record deleted successfully";
23 } else {
24     echo "Error: " . $sql . "<br>" . $conn->error;
25 }
26
27 $conn->close();
28
29 ?>
```

MYSQL - SELECT

```
1  <?php
2
3  $servername = "localhost";
4  $username = "root";
5  $password = "";
6  $dbname = "1027";
7
8  // Create connection
9  $conn = new mysqli($servername, $username, $password, $dbname);
10 // Check connection
11 if ($conn->connect_error) {
12     die("Connection failed: " . $conn->connect_error);
13 }
14
15 $sql = "SELECT id, name, email FROM personalinformation";
16 $result = $conn->query($sql);
17
18 if ($result->num_rows > 0) {
19     // output data of each row
20     while($row = $result->fetch_assoc()) {
21         echo "id: " . $row["id"]. " - Name: " . $row["name"]. " - Email: " . $row["email"]. "<br>";
22     }
23 } else {
24     echo "0 results";
25 }
26
27 $conn->close();
28
29 ?>
```

PRACTICE OF CONTACT US



Contact Us

Your Name
Enter your name

Email
Enter your email address

Message
Your message here...

Submit →

For any question contact our 24/7 call center: +001 345 6669



THANK YOU