**جامعة البعث**

**الكلية التطبيقية**

**السنة الثالثة**

**مقرر برمجة الوب**

**2**

**إعداد المهندس بإشراف الدكتورة**

**داني وسوف فدوى صافية**

**MYSQL**

**Examples**

**المثال الأول :** كود الاتصال مع قاعدة البيانات

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password);  
  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
echo "Connected successfully";  
?>

في هذا المثال نقوم بتأمين عملية الاتصال مع قاعدة البيانات من صفحة الـ PHP .

**المثال الثاني :** إنشاء قاعدة معطيات جديدة باسم myDB والاتصال بها .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
// Create database  
$sql = "CREATE DATABASE myDB";  
if ($conn->query($sql) === TRUE) {  
  echo "Database created successfully";  
} else {  
  echo "Error creating database: " . $conn->error;  
}  
  
$conn->close();  
?>

**المثال الثالث :** إنشاء جداول في قاعدة البيانات .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
// sql to create table

$sql = "CREATE TABLE MyGuests (  
id INT(6) UNSIGNED AUTO\_INCREMENT PRIMARY KEY,   
firstname VARCHAR(30) NOT NULL,  
lastname VARCHAR(30) NOT NULL,  
email VARCHAR(50),  
reg\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP  
)";  
  
if ($conn->query($sql) === TRUE) {  
  echo "Table MyGuests created successfully";  
} else {  
  echo "Error creating table: " . $conn->error;  
}$conn->close();  
?>

**المثال الرابع :** إدخال بيانات إلى قاعدة البيانات .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('John', 'Doe', 'john@example.com')";  
  
if ($conn->query($sql) === TRUE) {  
  echo "New record created successfully";  
} else {  
  echo "Error: " . $sql . "<br>" . $conn->error;  
}  
  
$conn->close();  
?>

**المثال الخامس :** تنفيذ أكثر من تعليمة إدخال دفعة واحدة .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('John', 'Doe', 'john@example.com');";  
$sql .= "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('Mary', 'Moe', 'mary@example.com');";  
$sql .= "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('Julie', 'Dooley', 'julie@example.com')";  
  
if ($conn->multi\_query($sql) === TRUE) {  
  echo "New records created successfully";  
} else {  
  echo "Error: " . $sql . "<br>" . $conn->error;  
}  
  
$conn->close();  
?>

**المثال السادس :** استخراج البيانات من قاعدة البيانات .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "SELECT id, firstname, lastname FROM MyGuests";  
$result = $conn->query($sql);  
  
if ($result->num\_rows > 0) {  
  // output data of each row  
  while($row = $result->fetch\_assoc()) {  
    echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " . $row["lastname"]. "<br>";  
  }  
} else {  
  echo "0 results";  
}  
$conn->close();  
?>

**المثال السابع :** تعديل البيانات ضمن قاعدة البيانات .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";  
  
if ($conn->query($sql) === TRUE) {  
  echo "Record updated successfully";  
} else {  
  echo "Error updating record: " . $conn->error;  
}  
  
$conn->close();  
?>

**المثال الثامن :** حذف البيانات من قاعدة البيانات .

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
  die("Connection failed: " . $conn->connect\_error);  
}   
// sql to delete a record  
$sql = "DELETE FROM MyGuests WHERE id=3";  
  
if ($conn->query($sql) === TRUE) {  
  echo "Record deleted successfully";  
} else {

  echo "Error deleting record: " . $conn->error;  
$conn->close();  
?>