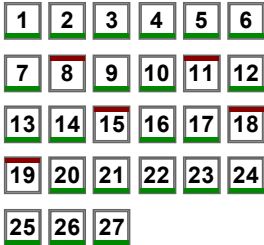




## QUIZ NAVIGATION



John Lester



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<b>Started on</b>	Tuesday, 9 February 2016, 11:44 AM
<b>State</b>	Finished
<b>Completed on</b>	Tuesday, 9 February 2016, 12:08 PM
<b>Time taken</b>	24 mins 33 secs
<b>Grade</b>	41 out of 50 (82%)

### Question 1

Correct

Mark 1 out of 1

Enter your first names and last name initials

Answer:

The correct answer is:

### Question 2

Correct

Mark 2 out of 2

Select the right PHP code that displays whether a number submitted through an HTML

Select one:

- ☐ a. if (\$number % 2 == 1) { echo "The number is odd";}
- ☒ b. if (\$\_GET['number'] % 2 == 1) { echo "The number is odd";} ✓ Correct!
- ☐ c. if (\$\_GET['\$number'] % 2 == 1) { echo "The number is odd";}
- ☐ d. if (\$\_GET['number'] % 2 != 1) { echo "The number is odd";}
- ☐ e. if (\$\_GET['number'] / 2 != 1) { echo "The number is odd";}

The correct answer is: if (\$\_GET['number'] % 2 == 1) { echo "The number is odd";}

### Question 3

Correct

Mark 2 out of 2

Select the function to remove an element from a PHP Array:

Select one:

- ☐ a. array\_remove()
- ☐ b. remove\_array()
- ☒ c. unset() ✓ Correct! The function to remove an element from an array is unset
- ☐ d. delete()

The correct answer is: unset()

**Question 4**

Correct

Mark 2 out of 2

What is the syntax to write a comment within HTML?

Select one:

- ☒ a. `<!-- -->` ✓
- ☐ b. `//`
- ☐ c. `/* */`
- ☐ d. `<-- -->`

The correct answer is: `<!-- -->`

**Question 5**

Correct

Mark 1 out of 1

Which HTML Form tag allows submitting a message with multiple lines?

Select one:

- ☒ a. `textarea` ✓ Textarea allows submitting multiple lines of text.
- ☐ b. `text`
- ☐ c. `paragraph`
- ☐ d. `message`

The correct answer is: `textarea`

**Question 6**

Correct

Mark 2 out of 2

There are three ways to connect to a MySQL server. What is the main advantage of using PDO?

Select one:

- ☐ a. Since PDO uses objects, connecting to the database and retrieving data from it is easier than using mysql.
- ☐ b. The functions used by PDO are shorter and easier than those used by mysql.
- ☐ c. Since PDO uses objects, the data sent to and received from the database uses a single interface.
- ☒ d. PDO is more flexible, it allows connecting to any database server. ✓ Correct! PDO is more flexible, it allows connecting to any database server.

The correct answer is: PDO is more flexible, it allows connecting to any database server.

**Question 7**

Correct

Mark 2 out of 2

Select the code that initializes a PHP array variable with three values

Select one:

- ☐ a. `var $my_array = new array("one", "two", "three");`
- ☐ b. `$my_array = ["one", "two", "three"];`
- ☐ c. `$my_array = ("one", "two", "three");`
- ☒ d. `$my_array = array("one", "two", "three");` ✓

The correct answer is: `$my_array = array("one", "two", "three");`

**Question 8**

Incorrect

Mark 0 out of 2

Suppose a web page contains the following form:

```
<form action="confirmation.php" method="post">
```

```
Username: <input type="text" id="username" name="username ">
```

```
Password: <input type="password" id="password" name="password ">
```

```
<input type="submit">
```

```
</form>
```

Write the line of jQuery code to display the "username" value within an Alert box.

Select one:

- ☐ a. `alert($username.val());`
- ☒ b. `alert($("#username").val());` ✗
- ☐ c. `alert($("#username").val());`
- ☐ d. `alert(document.getElementById("username").value);`

The correct answer is: `alert($("#username").val());`

**Question 9**

Correct

Mark 2 out of 2

Which PHP PDO function returns the last value of an auto increment field?

Select one:

- ☐ a. `lastAutoincrementedValue()`
- ☐ b. `lastInsertedValue()`
- ☐ c. `lastValue()`
- ☒ d. `lastInsertId()` ✓ Correct! It is: `lastInsertId()`
- ☐ e. `lastId()`

The correct answer is: `lastInsertId()`

**Question 10**

Correct

Mark 2 out of 2

Does the following query throws a syntax error in MySQL, and if so why?

```
"DELETE employee_table"
```

Select one:

- ☒ a. It is missing the "FROM" keyword ✓ Correct! It should be `DELETE FROM emp` records from that table
- ☐ b. The query is correct, it does not have any syntax error
- ☐ c. It is missing the "WHERE" clause
- ☐ d. It is missing the "FIELDS" keyword

The correct answer is: It is missing the "FROM" keyword

**Question 11**

Incorrect

Mark 0 out of 2

Suppose that the "student" table contains information about students (studentId, firstName, lastName) and the "absence" table contains records of students who miss a class (absenceId, studentId, classId). Select the query to generate a list of all students who have not missed any class.

Select one:

- ☐ a. `SELECT * FROM student s JOIN absence a ON s.studentId = a.studentId`
- ☒ b. `SELECT * FROM student s INNER JOIN absence a ON s.studentId = a.studentId`  
NULL ❌ It should be: `SELECT * FROM student s LEFT JOIN absence a ON s.studentId = a.studentId`
- ☐ c. `SELECT * FROM student s RIGHT JOIN absence a ON s.studentId = a.studentId`
- ☐ d. `SELECT * FROM student s LEFT JOIN absence a ON s.studentId = a.studentId`
- ☐ e. `SELECT * FROM student s LEFT JOIN absence a ON s.studentId = a.studentId`

The correct answer is: `SELECT * FROM student s LEFT JOIN absence a ON s.studentId = a.studentId`

**Question 12**

Correct

Mark 1 out of 1

What is the PHP function to resume an existing session?

Select one:

- ☒ a. `session_start();` ✓ Correct!
- ☐ b. `session_resume();`
- ☐ c. `start_session();`
- ☐ d. `resume_session();`
- ☐ e. `session_continue();`

The correct answer is: `session_start();`

**Question 13**

Correct

Mark 2 out of 2

In which language is the following line of code written:  
`var greeting = "hello";`

Select one:

- ☐ a. PHP
- ☐ b. jQuery
- ☐ c. SQL
- ☒ d. JavaScript ✓ Correct!
- ☐ e. HTML

The correct answer is: JavaScript

**Question 14**

Correct

Mark 1 out of 1

What kind of CSS style is the following one:

```
<h1 style="color: red" />
```

Select one:

- ☐ a. External style
- ☐ b. Embedded style
- ☐ c. Internal style
- ☒ d. Inline style ✓ Correct!

The correct answer is: Inline style

**Question 15**

Incorrect

Mark 0 out of 2

Suppose you have a "login" table containing the userId, first name, last name, email, user password for each user.

What result will you get if the following code is executed when submitting the corresponding POST method?

```
<?php

require 'connection.php'; //assume the connection is successful

$sql = "SELECT * FROM login
        WHERE username = :username
        AND password = :password ";
$stmt = $dbConn->prepare($sql);
$stmt->execute( array (":username" => $_POST['username'],
                      ":password" => $_POST['password']) );
$record = $stmt->fetch();
if ( !empty($record) ) {
    echo "Login successful!";
}

?>
```

Select one:

- ☐ a. The program will throw a syntax error
- ☐ b. The program will always display "Login successful!"
- ☐ c. The program will display "Login successful" if the right username and password
- ☐ d. The program will not display "Login successful!" even if entering the right username and password
- ☒ e. The program will work correctly but it is not preventing SQL injection ✗ Since the code does not match the value stored in the database. The code needs to use the "sha1" function

The correct answer is: The program will not display "Login successful!" even if entering the right username and password

**Question 16**

Correct

Mark 1 out of 1

What is the PHP function to terminate a session?

Select one:

- ☐ a. session\_terminate();
- ☐ b. session\_finish();
- ☒ c. session\_destroy(); ✓ Correct.
- ☐ d. unset(\$\_SESSION)
- ☐ e. session\_delete();

The correct answer is: session\_destroy();

**Question 17**

Correct

Mark 2 out of 2

Which PHP function returns the number of elements included in an array?

Select one:

- ☐ a. array\_size()
- ☐ b. array\_length()
- ☒ c. count() ✓ Correct!
- ☐ d. size()
- ☐ e. array\_count()

The correct answer is: count()

**Question 18**

Incorrect

Mark 0 out of 1

Which HTML Form method should be used when submitting confidential information?

Select one:

- ☒ a. GET ✗ It should be the POST method, otherwise the information submitted will be in the URL.
- ☐ b. POST

The correct answer is: POST

**Question 19**

Incorrect

Mark 0 out of 2

Which line of code is preventing the following login process to work properly?

```
1 <?php
2
3 require 'connection.php'; //assume the connection is succes
4
5 $sql = "SELECT * FROM login
6         WHERE username = :username " .
7         AND password  = :password ";
8
9 $stmt = $dbConn->prepare($sql);
10
11 $stmt->execute();
12
13 $record = $stmt->fetch();
14
15 if ( !empty($record) ) {
16     echo "Login successful!";
17 }
18
19 }
20
21 ?>
22
```

Select one:

- ☒ a. Line 9 ✗ Line 11 must include the values for :username and :password
- ☐ b. Line 11
- ☐ c. Line 13
- ☐ d. Line 15
- ☐ e. There is nothing wrong with the code

The correct answer is: Line 11

**Question 20**

Correct

Mark 2 out of 2

Suppose we have the following HTML code that allows users to specify their gender. We are able to store the user's gender in a database?

Gender: <br />

<input type="radio" >Male

<input type="radio" > Female

Select one:

- ☐ a. name
- ☐ b. id
- ☐ c. id and name
- ☒ d. name and value ✓ Correct!
- ☐ e. id and value

The correct answer is: name and value

**Question 21**

Correct

Mark 2 out of 2

What values are included in the \$weekdays array after executing the following PHP code?

```
$weekdays = array("Monday","Tuesday");  
$weekdays[] = "Wednesday";  
array_push($weekdays,"Thursday");  
sort($weekdays);  
unset($weekdays[1]);
```

Select one:

- ☐ a. Thursday
- ☒ b. Monday, Tuesday, and Wednesday ✓ Correct!
- ☐ c. Thursday, Tuesday, and Wednesday
- ☐ d. Wednesday
- ☐ e. Monday, Thursday, and Tuesday

The correct answer is: Monday, Tuesday, and Wednesday

**Question 22**

Correct

Mark 5 out of 5

Match the correct concept to its definition.

Record

Collection of the fields that compose an entity

Table

Collection of related records

Primary Key

Field or set of fields that identify uniquely each record

Foreign Key

Primary key that is included in a table in order to relate it to a second table

Database

Collection of related tables

The correct answer is: Record – Collection of the fields that compose an entity, Table – Collection of related records, Primary Key – Field or set of fields that identify uniquely each record, Foreign Key – Primary key that is included in a table in order to relate it to a second table, Database – Collection of related tables



**Question 23**

Correct

Mark 2 out of 2

Given the HTML list below, what will happen when the following line of jQuery code is e

**`$("li").css("color","green");`**

```
<ul>
  <li id="first">Monday</li>
  <li class="second">Tuesday</li>
  <li id="third">Wednesday</li>
  <li class="fourth">Thursday</li>
  <li>Friday</li>
</ul>
```

Select one:

- ☐ a. Monday and Wednesday will change to green
- ☐ b. Friday will change to green
- ☐ c. None will change to green
- ☒ d. All items will change to green ✓ Correct!
- ☐ e. Monday through Thursday will change to green

The correct answer is: All items will change to green

**Question 24**

Correct

Mark 1 out of 1

What does SQL stand for?

Select one:

- ☐ a. Standard Query Language
- ☐ b. Simplified Query Language
- ☒ c. Structured Query Language ✓ Correct!
- ☐ d. System Query Language

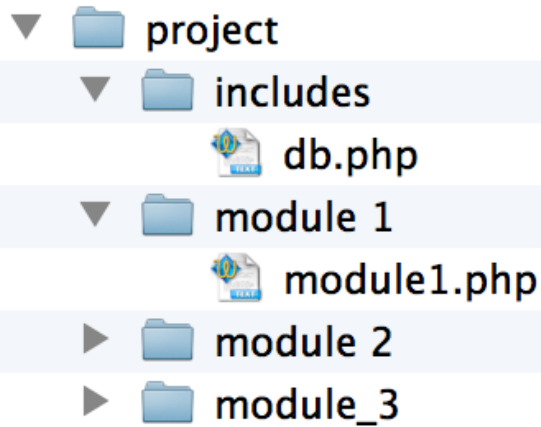
The correct answer is: Structured Query Language

**Question 25**

Correct

Mark 2 out of 2

Given the folder structure below, which of the following PHP statements will include the "module1.php" file?



Select one:

- ☒ a. require "../includes/db.php"; ✓ Correct!
- ☐ b. include "project/includes/db.php";
- ☐ c. require "../includes/db.php";
- ☐ d. include "../includes/db.php";
- ☐ e. require "../module1/includes/db.php";

The correct answer is: require "../includes/db.php";

**Question 26**

Correct

Mark 2 out of 2

What is the syntax to write a comment within PHP (select all that apply)?

Select one or more:

- ☐ a. <!-- my comment -->
- ☒ b. // my comment ✓
- ☐ c. <-- my comment -->
- ☐ d. \\* my comment \*
- ☒ e. /\* my comment \*/ ✓

The correct answer is: // my comment, /\* my comment \*/

**Question 27**

Correct

Mark 2 out of 2

Identify the correct code condition that checks whether a session already exists, and if user to the login page.

- a.  

```
if (isset($_GET['username'])) {  
    header("Location: login.php");  
}
```
- b.  


```
if (isset($_SESSION['username'])) {  
    redirect ("Location: login.php");  
}
```
- c.  

```
if (!isset($_SESSION['username'])) {  
    header("Location: login.php");  
}
```
- d.  

```
if (!isset($_SESSION['username'])) {  
    header("Location: login.php");  
}
```
- e.  

```
if (isset($_SESSION['username'])) {  
    redirect("Location: login.php");  
}
```

Select one:

- ☐ a. Code in condition a
- ☐ b. Code in condition b
- ☐ c. Code in condition c
- ☒ d. Code in condition d  Correct!
- ☐ e. Code in condition e

The correct answer is: Code in condition d