

We wish to build a website for gym registration, in which users are able to login, view a list of available activities, and register to an activity. **Note that there is no guarantee that the database will return the columns in perfect order, you need to use the best fetch method.**

Assume that in the database (**gym_db**), we have 3 tables:

- **users** (**u_id**, name, password)
- **activities**(**activity_id**, activity_name, activity_time)
- **registered**(**u_id**, **activity_id**)

Assume that the connection file is called **connection.php**. Assume also that all the tables are already created and the table **users** is filled with data. The webserver and the database server are on the same physical machine.

Part 1. Complete the code for **connection.php**.

```
<?php
define('DBHOST', connection.php); localhost
define('DBNAME', gym_db);
define('DBUSER', 'root');
define('DBPASS', '');
define('DBCONNSTRING', 'mysql:host=, dbname=, DBNAME, ' charset=utf8mb4');
?>
```

Part 2: The **index.php** page contains a form for the user to login as below:

SignIn Form

Username	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Sign in"/>	

Complete the code below such that if the login is **successful**, a **session** is created and filled with user **name** and **user_id**, and the user is navigated to a page called **home.php**. If not successful, he/she is directed back to **index.php**.

```
<?php
require_once connection.php;

$pdo = new PDO(DBCONNSTRING, DBUSER, DBPASS);
$pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
$pdo->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, );
```

Part 2: The **index.php** page contains a form for the user to login as below:

SignIn Form

Time left 0

Username

Password

Complete the code below such that if the login is **successful**, a **session** is created and filled with user **name** and **user_id**, and the user is navigated to a page called **home.php**. if not successful, he/she is directed back to **index.php**.

```
<?php
require_once 'connection.php';

$pdo = new PDO(DBCONNSTRING, DBUSER, DBPASS);
$pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
$pdo->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_ASSOC);

if (isset($_POST['user']) && $_POST['PWD']) {
    $user = $_GET['user'];
    $password = $_POST['PWD'];

    $query = "SELECT * users FROM name=$user,password=$password";

    $stmt = $pdo->prepare($query);
    $stmt->bindValue(??, $user);
    $stmt->bindValue(??, $password);
    $stmt->execute();

    $rows = $stmt->fetchAll();
    $nbr_row = count($rows);
    if ($nbr_row == 1) {
        $therow = $rows[0];
        $user_id = $therow['user_id'];
    }
}
```



```
$stmt->execute();
$rows = $stmt->fetchAll();
$nbr_row = count($rows);
if ($nbr_row == 1) {
    $therow = $rows[0];
    $user_id = $therow['user_id'];
    session_start();
    $_SESSION['user_id'] = $user_id;
    $_SESSION['name'] = $user;
    $_SESSION['isLogin'] = True;
    header("Location:home.php");
} else {
    header("Location:index.php");
}
?>
<html>
<body>
<h3>Signin Form</h3>
<form action="??">
    <p>Username<input type="text" maxlength="30" name="user" /></p>
    <p>Password<input type="password" maxlength="30" name="pwd"></p>
    <p><input type="submit" value="Sign in"></p>
</form>
</body>
</html>
```

Part 3. The *home.php* page contains a greeting to the user "Welcome username to Fitness Gym" and 2 parts as shown below:

Welcome Sarah to Fitness Gym

```

<p><input type="submit" value="Sign in"></p>
</form>
</body>
</html>

```

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Part 3. The *home.php* page contains a greeting to the user "Welcome username to Fitness Gym " and 2 parts as shown below:

Welcome Sarah to Fitness Gym

List of all available activities

Activity	Schedule	Select
Endurance, or aerobic	Monday 3pm-6pm	<input type="checkbox"/>
Strength, or resistance training	Tuesday 4pm-7pm	<input type="checkbox"/>
Balance	Wednesday 4pm-7pm	<input type="checkbox"/>
Flexibility	Friday 3pm-7pm	<input type="checkbox"/>

[Register](#)

[Logout](#)

- The second part is a form that contains a table of all available activities in table *activities*, checkbox to select one or more activities and an **Register** button to send the current selected Job to another page **register.php**.
- The last part is a link to **logout.php**.

Complete the *home.php* code below (Note that it is necessary to make sure that a session is established or not, if not navigate the user back to *index.php*)

```
<?php
```

```
    session_start();
```

```
require_once 'connection.php';
```

```
$pdo = new PDO(DBCONNSTRING, DBUSER, DEPASS);
```

```
$pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
```

```
$pdo->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_ASSOC);
```

```
if (isset($_POST['activity'])) {
```

```
    $user_id = $_SESSION['user_id'];
```

```
    $user = $_SESSION['name'];
```

```
    echo "<h2> Welcome $user to Fitness Gym </h2>";
```

```
    echo "<hr>";
```



```
$user = $_SESSION['name'];  
echo "<h2> Welcome $user to Fitness Gym </h2>";  
echo "<br/>";  
$select_query = "SELET * FROM activities"  
$result = ??  
echo "<h2> List of all available activities </h2>";  
echo "<table border='1'>  
  <tr> <td> Activity </td> <td> Schedule </td> <td> Select </td> </tr>;  
  while ($row = ??) {  
    {  
      echo "<tr>";  
      echo "<td>"; ?? "</td>";  
      echo "<td>"; ?? "</td>";  
      echo "<td> <input type='checkbox' name='activity[]' /> </td>";  
      echo "<tr>";  
    }  
  }  
echo "</table>";  
echo "<p> <input type='Submit' value = 'Register' /> </p>";  
echo "</form>";  
echo "<hr/>";  
echo "<a href=logout.php> logout </a>";  
} else {  
  header("logout.php");  
}  
?>  
Part14: Complete the code of logout.php page; once the user logout it is redirected back to index.php.  
<?php
```

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```

        echo '<tr>';
    }
    echo '</table>';
    echo '<p><input type=" ' . $input_type . '" value = "Register"/></p>';
    echo '</form>';
    echo '<hr/>';
    echo '<a href="logout.php" > logout </a>';
} else {
    header('Location:index.php');
}
?>

```

Part4: Complete the code of **logout.php** page: once the user logout it is redirected back to **index.php**.

```

<?php
session_start()
unset($_SESSION['islogin']);
unset($_SESSION['name']);
unset($_SESSION['user_id']);
session_destory
header("Location: index.php");
?>

```

Please answer all parts of the question.

Finish attempt ...

Jump to...

Search here to search

Chapter 1.2

LG