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Php & Sql

Code:

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Quiz App</title>
    <style>
      body {
  font-family: Arial, sans-serif;
  background-color: yellowgreen;
  background-image: url('background.jpg');
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center;
}

.quiz-container {
  max-width: 500px;
  margin: 0 auto;
  padding: 20px;
  background-color: rgba(255, 255, 255, 0.8);
  border-radius: 5px;
  box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
  margin-top: 50px;
}

h1 {
  text-align: center;
  margin-bottom: 20px;
}

form {
  margin-bottom: 20px;
}
```

```css
label {
  display: block;
  margin-bottom: 10px;
  font-weight: bold;
}

input[type="text"],
input[type="password"],
textarea,
select {
  width: 100%;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
  font-size: 16px;
  margin-bottom: 10px;
}

input[type="submit"],
button {
  padding: 10px 16px;
  background-color: rebeccapurple;
  color: white;
  border: none;
  border-radius: 4px;
  font-size: 16px;
  cursor: pointer;
}

input[type="submit"]:hover,
button:hover {
  background-color: rebeccapurple;
}

#questions {
  margin-top: 20px;
}

.question {
  margin-bottom: 20px;
  padding: 20px;
  background-color: #f9f9f9;
  border-radius: 5px;
}

.question label {
  margin-bottom: 10px;
```

```
  font-weight: bold;
}

.question input[type="text"],
.question select {
  width: 100%;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
  font-size: 16px;
  margin-bottom: 10px;
}

.question button {
  margin-top: 10px;
  padding: 10px 16px;
  background-color: rebeccapurple;
  color: white;
  border: none;
  border-radius: 4px;
  font-size: 16px;
  cursor: pointer;
}

.question button:hover {
  background-color: rebeccapurple;
}



.quiz-title {
  text-align: center;
  margin-bottom: 20px;
}

.quiz-description {
  margin-bottom: 20px;
  font-style: italic;
  color: #888;
}

.question-number {
  font-weight: bold;
  margin-bottom: 10px;
}

.choices-container {
  margin-left: 20px;
}
```

```css
.choice {
  margin-bottom: 10px;
}

.choice label {
  display: inline;
  margin-right: 10px;
}

.success-message {
  color: green;
  margin-top: 10px;
}

.error-message {
  color: red;
  margin-top: 10px;
}

.submit-button {
  display: block;
  margin-top: 20px;
  text-align: center;
}

/* Styling for quiz header */

.quiz-header {
  background-color: #4CAF50;
  padding: 10px;
  border-top-left-radius: 5px;
  border-top-right-radius: 5px;
}

.quiz-header h1 {
  color: white;
  margin: 0;
  font-size: 24px;
  text-align: center;
}

.quiz-header p {
  color: white;
  text-align: center;
  font-size: 16px;
  margin-top: 10px;
  margin-bottom: 0;
```

```
}

    </style>
</head>
<body>
    <div class="quiz-container">
        <h1>Quiz </h1>
        <form action="register.php" method="POST">
            <label for="username">Username:</label>
            <input type="text" name="username" required>
            <label for="password">Password:</label>
            <input type="password" name="password" required>
            <input type="submit" value="Register">
        </form>


        <form action="create_quiz.php" method="POST">
            <label for="title">Quiz Title:</label>
            <input type="text" name="title" required>
            <label for="description">Quiz Description:</label>
            <textarea name="description" required></textarea>

            <h3>Questions:</h3>
            <div id="questions">
                <div class="question">
                    <label for="question[]">Question:</label>
                    <input type="text" name="question[]" required>
                    <label for="choice[][1]">Choice 1:</label>
                    <input type="text" name="choice[][1]" required>
                    <label for="choice[][2]">Choice 2:</label>
                    <input type="text" name="choice[][2]" required>
                    <label for="choice[][3]">Choice 3:</label>
                    <input type="text" name="choice[][3]" required>
                    <label for="choice[][4]">Choice 4:</label>
                    <input type="text" name="choice[][4]" required>
                    <label for="correct_choice[]">Correct Choice:</label>
                    <select name="correct_choice[]">
                        <option value="1">Choice 1</option>
                        <option value="2">Choice 2</option>
                        <option value="3">Choice 3</option>
                        <option value="4">Choice 4</option>
                    </select>
                </div>
            </div>
            <script src="script.js"></script>
            <button type="button" onclick="addQuestion()">Add
Question</button>
            <input type="submit" value="Create Quiz">
```

```
        </form>
    </div>
</body>
</html>
```

Script.js

```
        function addQuestion() {
            var questionsContainer = document.getElementById("questions");

            var questionDiv = document.createElement("div");
            questionDiv.className = "question";

            var questionLabel = document.createElement("label");
            questionLabel.textContent = "Question:";
            var questionInput = document.createElement("input");
            questionInput.type = "text";
            questionInput.name = "question[]";
            questionInput.required = true;

            var choiceLabels = [];
            var choiceInputs = [];

            for (var i = 1; i <= 4; i++) {
                var choiceLabel = document.createElement("label");
                choiceLabel.textContent = "Choice " + i + ":";
                var choiceInput = document.createElement("input");
                choiceInput.type = "text";
                choiceInput.name = "choice[][ " + i + "]";
                choiceInput.required = true;

                choiceLabels.push(choiceLabel);
                choiceInputs.push(choiceInput);
            }

            var correctChoiceLabel = document.createElement("label");
            correctChoiceLabel.textContent = "Correct Choice:";
            var correctChoiceSelect = document.createElement("select");
            correctChoiceSelect.name = "correct_choice[]";

            for (var j = 1; j <= 4; j++) {
                var option = document.createElement("option");
                option.value = j;
                option.textContent = "Choice " + j;
```

```
                correctChoiceSelect.appendChild(option);
            }

            questionDiv.appendChild(questionLabel);
            questionDiv.appendChild(questionInput);

            for (var k = 0; k < choiceLabels.length; k++) {
                questionDiv.appendChild(choiceLabels[k]);
                questionDiv.appendChild(choiceInputs[k]);
            }

            questionDiv.appendChild(correctChoiceLabel);
            questionDiv.appendChild(correctChoiceSelect);

            questionsContainer.appendChild(questionDiv);
        }
```

Submit_quiz.php

```
<?php

$conn = mysqli_connect('localhost', 'root', '', 'art');

if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}


if ($_SERVER['REQUEST_METHOD'] === 'POST') {

  $userId = $_SESSION['user_id'];


  $responses = $_POST['response'];
  $valid = true;
  foreach ($responses as $questionId => $choiceId) {
    if (empty($choiceId)) {
      $valid = false;
      break;
    }
  }

  if ($valid) {

    $score = 0;
```

```
    foreach ($responses as $questionId => $choiceId) {
      $sql = "SELECT is_correct FROM choices WHERE id = '$choiceId' LIMIT 1";
      $result = mysqli_query($conn, $sql);
      $row = mysqli_fetch_assoc($result);

      $isCorrect = $row['is_correct'];
      $score += $isCorrect;


      $insertSql = "INSERT INTO user_responses (user_id, question_id,
choice_id, created_at) VALUES ('$userId', '$questionId', '$choiceId', NOW())";
      mysqli_query($conn, $insertSql);
      $responseId = mysqli_insert_id($conn);
    }

    echo "Quiz submitted successfully! Your score: $score";
  } else {
    echo "Please answer all questions before submitting.";
  }
}

mysqli_close($conn);
?>
```

Register.php

```
<?php

$conn = mysqli_connect('localhost', 'root', '', 'art');

if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}


$checkSql = "SHOW KEYS FROM Users WHERE Key_name = 'PRIMARY'";
$result = mysqli_query($conn, $checkSql);

if (mysqli_num_rows($result) === 0) {

  $alterSql = "ALTER TABLE Users MODIFY COLUMN id INT AUTO_INCREMENT PRIMARY
KEY";
  mysqli_query($conn, $alterSql);
}
```

```php
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $username = $_POST['username'];
  $password = $_POST['password'];

  $sql = "INSERT INTO users (username, password, created_at) VALUES
('$username', '$password', NOW())";
  if (mysqli_query($conn, $sql)) {
    echo "Registration successful!";
  } else {
    echo "Error: " . mysqli_error($conn);
  }
}

mysqli_close($conn);
?>
```

Take_quiz.php

```php
<?php

$conn = mysqli_connect('localhost', 'root', '', 'art');

if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}


if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $quizId = $_POST['quiz'];

  $sql = "SELECT * FROM Questions WHERE quiz_id = '$quizId'";
  $result = mysqli_query($conn, $sql);
  if (mysqli_num_rows($result) > 0) {

    $questionIndex = 1;
    while ($row = mysqli_fetch_assoc($result)) {
      $questionId = $row['id'];
      $question = $row['question'];


      $choicesSql = "SELECT * FROM choices WHERE question_id = '$questionId'";
      $choicesResult = mysqli_query($conn, $choicesSql);
```

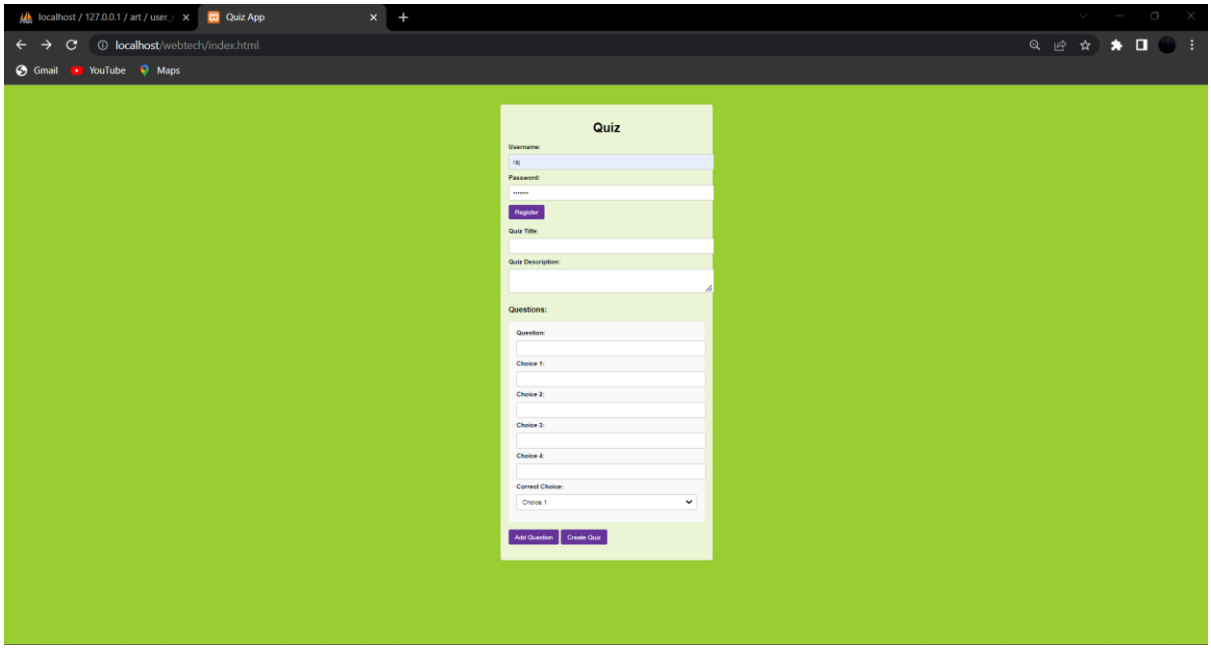
```
      echo "<h3>$question</h3>";

      while ($choicesRow = mysqli_fetch_assoc($choicesResult)) {
        $choiceId = $choicesRow['id'];
        $choice = $choicesRow['choice'];

        echo "<label><input type='radio' name='response[$questionId]'
value='$choiceId'> $choice</label><br>";
      }

      $questionIndex++;
    }

    echo "<input type='submit' value='Submit Quiz'>";
  } else {
    echo "No questions found for the selected quiz.";
  }
}

mysqli_close($conn);
?>
```

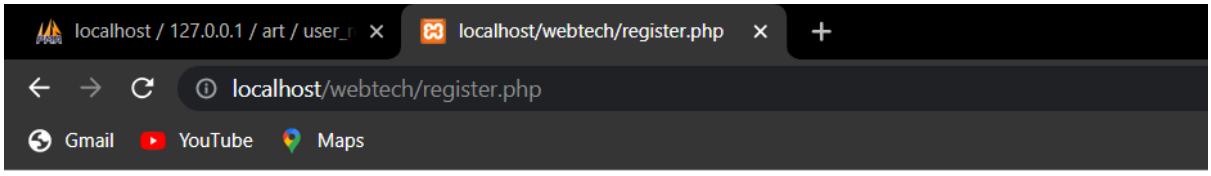
Create_quiz.php

```
<?php

$conn = mysqli_connect('localhost', 'root', '', 'art');

if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}


if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $title = $_POST['title'];
  $description = $_POST['description'];


  $sql = "INSERT INTO quizes (title, description, created_at) VALUES
('$title', '$description', NOW())";
  if (mysqli_query($conn, $sql)) {
    $quizId = mysqli_insert_id($conn);


    foreach ($_POST['question'] as $index => $question) {
```

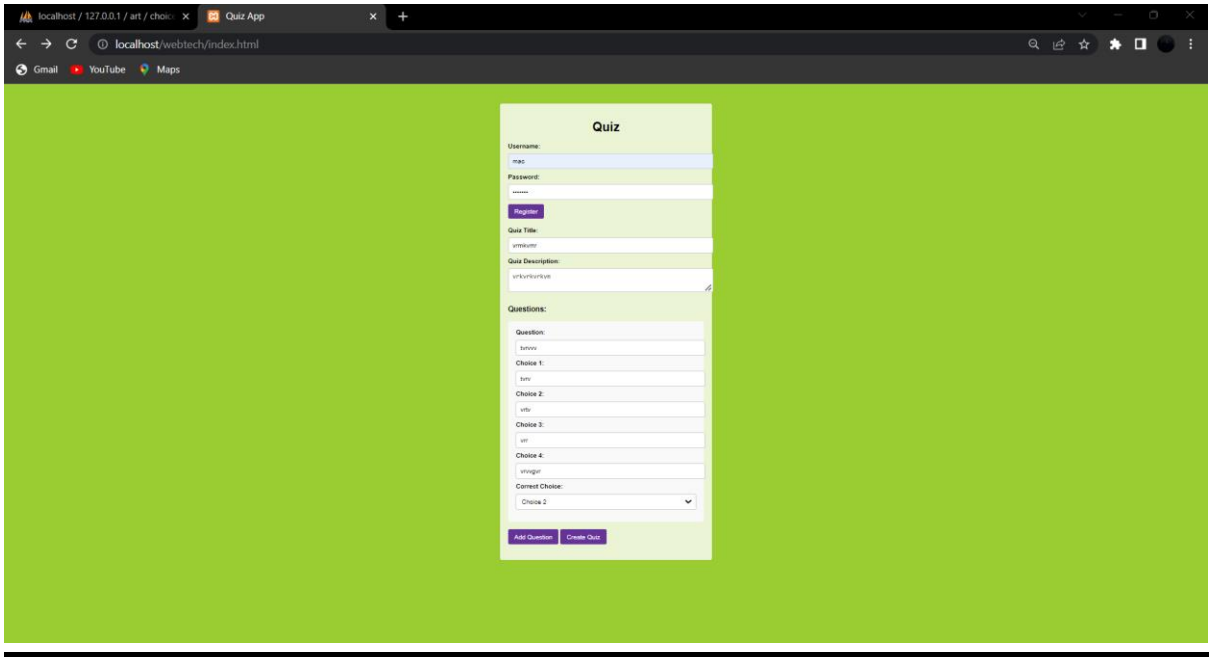
```
      $choices = $_POST['choice'][$index];
      $correctChoice = $_POST['correct_choice'][$index];

      $sql = "INSERT INTO questions (quiz_id, question, created_at) VALUES
('$quizId', '$question', NOW())";
      if (mysqli_query($conn, $sql)) {
        $questionId = mysqli_insert_id($conn);

        foreach ($choices as $choiceIndex => $choice) {
          $isCorrect = ($choiceIndex + 1) == $correctChoice ? 1 : 0;
          $sql = "INSERT INTO choices (question_id, choice, is_correct,
created_at) VALUES ('$questionId', '$choice', '$isCorrect', NOW())";
          mysqli_query($conn, $sql);
        }
      }
    }

    echo "Quiz created successfully!";
  } else {
    echo "Error: " . mysqli_error($conn);
  }
}

mysqli_close($conn);
?>
```

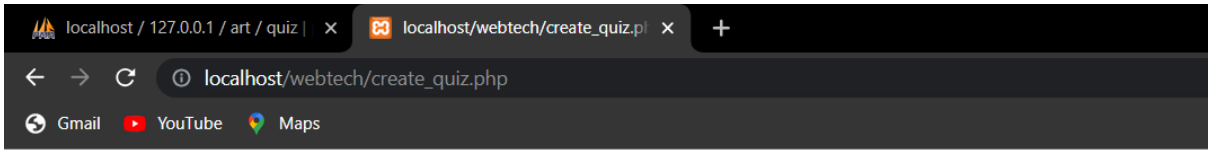
Output:



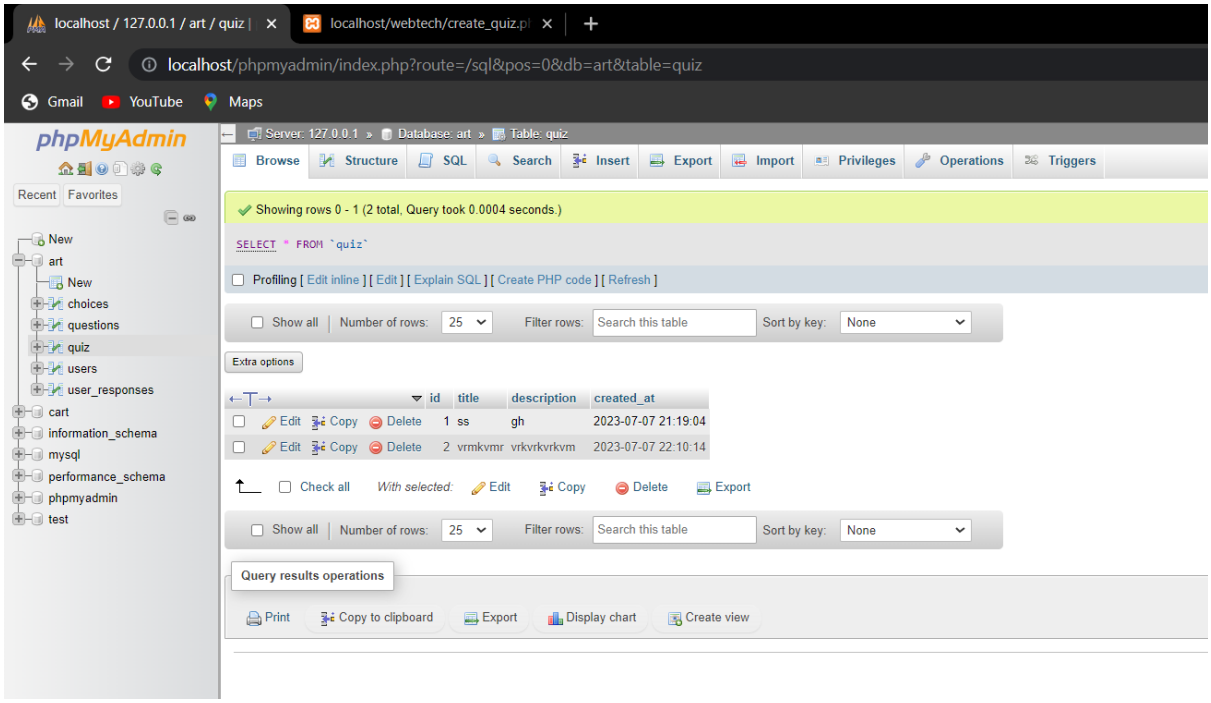


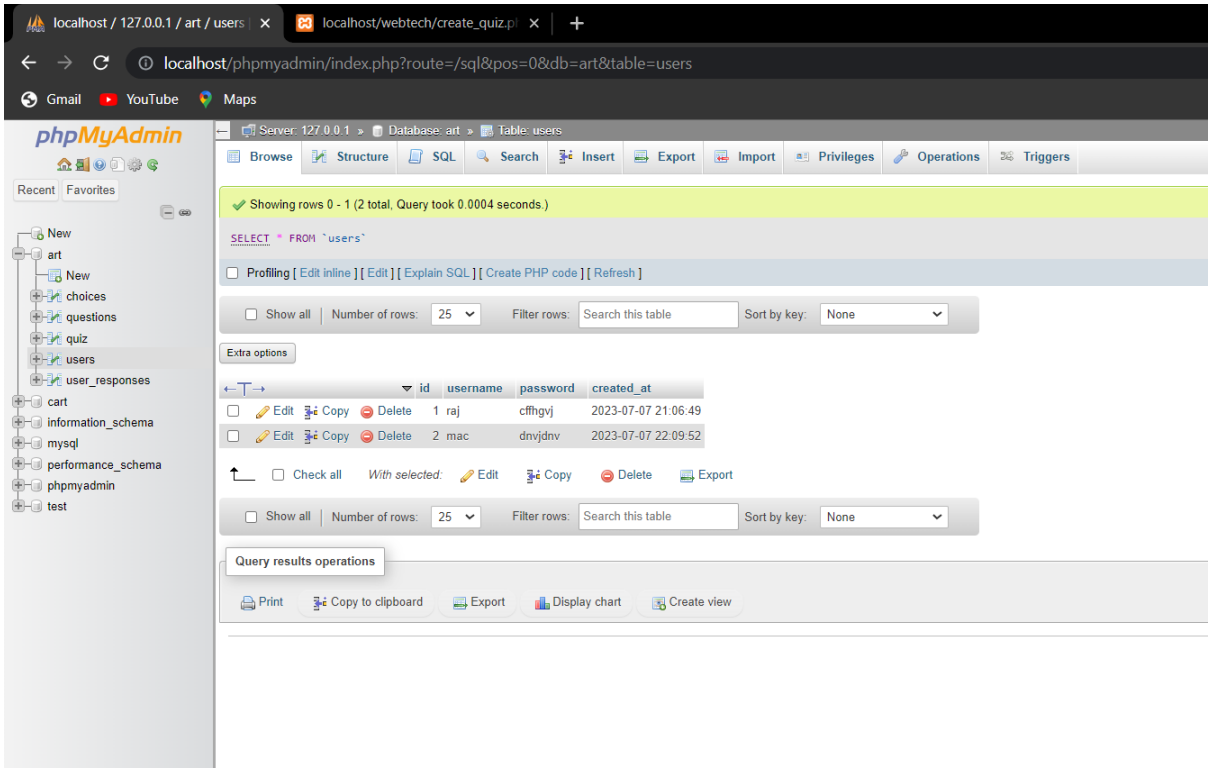
Registration successful!

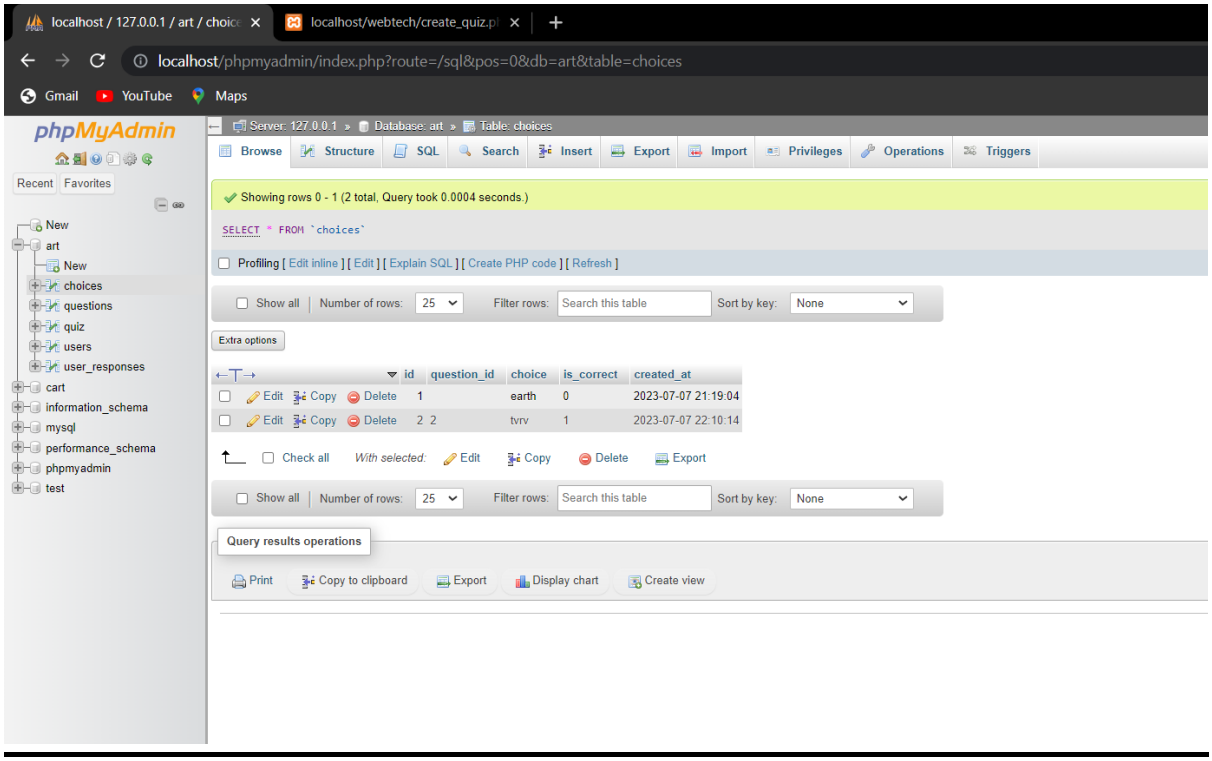




Quiz created successfully!




localhost / 127.0.0.1 / art / users
localhost/webtech/create_quiz.pl
localhost/phpmyadmin/index.php?route=/sql&pos=0&db=art&table=users
Gmail
YouTube
Maps
phpMyAdmin
Recent
Favorites
New
art
New
choices
questions
quiz
users
user_responses
cart
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1 » Database: art » Table: users
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers
Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)
SELECT * FROM `users`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all
Number of rows: 25
Filter rows: Search this table
Sort by key: None
Extra options
id username password created_at
Edit Copy Delete 1 raj cffhgvj 2023-07-07 21:06:49
Edit Copy Delete 2 mac dnvjdnv 2023-07-07 22:09:52
Check all
With selected:
Edit
Copy
Delete
Export
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view


localhost / 127.0.0.1 / art / choic
localhost/webtech/create_quiz.pl
localhost/phpmyadmin/index.php?route=/sql&pos=0&db=art&table=choices
Gmail
YouTube
Maps
phpMyAdmin
Recent
Favorites
New
art
New
choices
questions
quiz
users
user_responses
cart
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1 » Database: art » Table: choices
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers
Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)
SELECT * FROM `choices`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all
Number of rows: 25
Filter rows: Search this table
Sort by key: None
Extra options
id question_id choice is_correct created_at
Edit Copy Delete 1 earth 0 2023-07-07 21:19:04
Edit Copy Delete 2 2 tvrv 1 2023-07-07 22:10:14
Check all
With selected:
Edit
Copy
Delete
Export
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view