📄 মডিউল এসাইনমেন্ট

মডিউল ১৭ এর এসাইনমেন্ট

Assignment: Query Builder in Laravel

Instructions:

Read the given code snippets and questions carefully.

Write the code that best answers each question.

Make sure to provide clear and concise answers.

Submit your completed assignment within the given time frame.

Questions:

1.Explain what Laravel's query builder is and how it provides a simple and elegant way to interact with databases.

2.Write the code to retrieve the "excerpt" and "description" columns from the "posts" table using Laravel's query builder. Store the result in the $posts variable. Print the $posts variable.

3.Describe the purpose of the distinct() method in Laravel's query builder. How is it used in conjunction with the select() method?

4.Write the code to retrieve the first record from the "posts" table where the "id" is 2 using Laravel's query builder. Store the result in the $posts variable. Print the "description" column of the $posts variable.

5.Write the code to retrieve the "description" column from the "posts" table where the "id" is 2 using Laravel's query builder. Store the result in the $posts variable. Print the $posts variable.

6.Explain the difference between the first() and find() methods in Laravel's query builder. How are they used to retrieve single records?

7.Write the code to retrieve the "title" column from the "posts" table using Laravel's query builder. Store the result in the $posts variable. Print the $posts variable.

8.Write the code to insert a new record into the "posts" table using Laravel's query builder. Set the "title" and "slug" columns to 'X', and the "excerpt" and "description" columns to 'excerpt' and 'description', respectively. Set the "is_published" column to true and the "min_to_read" column to 2. Print the result of the insert operation.

9.Write the code to update the "excerpt" and "description" columns of the record with the "id" of 2 in the "posts" table using Laravel's query builder. Set the new values to 'Laravel 10'. Print the number of affected rows.

10.Write the code to delete the record with the "id" of 3 from the "posts" table using Laravel's query builder. Print the number of affected rows.

11.Explain the purpose and usage of the aggregate methods count(), sum(), avg(), max(), and min() in Laravel's query builder. Provide an example of each.

12.Describe how the whereNot() method is used in Laravel's query builder. Provide an example of its usage.

13.Explain the difference between the exists() and doesntExist() methods in Laravel's query builder. How are they used to check the existence of records?

14.Write the code to retrieve records from the "posts" table where the "min_to_read" column is between 1 and 5 using Laravel's query builder. Store the result in the $posts variable. Print the $posts variable.

15.Write the code to increment the "min_to_read" column value of the record with the "id" of 3 in the "posts" table by 1 using Laravel's query builder. Print the number of affected rows.

Submission Instruction :

Make sure to write your answers and code snippets in a pdf file and submit your github repository link.

এসাইনমেন্টের গাইডলাইন ⌃

১. প্রতিটি মডিউলে আপনি যা যা শিখেছেন, তার উপরেই আপনাদের এসাইনমেন্ট জমা দেয়া লাগবে।

২. আপনাকে এসাইনমেন্টে যে টাস্ক এসাইন করা হবে, সেটা কোথাও টাইপ করে পিডিএফ করে আপলোড দিবেন।

৩. যদি কোন এসাইনমেন্টে আপনার কোড জমা দেয়া লাগে, তাহলে আপনার কোডের লিংক "URL" সেকশনে দিয়ে রাখবেন

সাবমিশনের শেষ সময়   সুযোগ বাকি

রাত ১১:৫৯, ১২ জুন   **২**

ডেডলাইন মিস করলে ৮০% মার্ক কাটা যাবে।

URL দিন

এখানে লিখুন...

অথবা,

আপলোড ফাইল   Formats: JPEG, PNG, DOC, PDF, ZIP

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