Scaffold SQL Learning using Parson’s Problems

Question Maker Page Manual

The page contains three distinct sections available to question creation by an Instructor:

1. The question posed for student attempt and its corresponding number.
2. The test cases used to evaluate correctness of an attempted query.
3. The Parson’s Problems commands and values, including the potential to add distractors.

Steps by Section:

1. Question details
2. Upon entering the application an Instructor is first asked to set the question number.
3. The next field is specifically for the question itself.
4. Test Case details
5. Enter the number of columns and rows in their respective fields.
6. Each following field is to evaluate specific values at row/column intersections.
7. Test case evaluation default is set to on, but the Instructor can choose to turn it off, so the values are not displayed to the Student.
8. Enter the secret word that corresponds with correct free-form attempt.
   1. Click the encrypt button.
9. Parson’s Problems
10. Choose commands for the exercise to be shown in drag and drop tools.
    1. Choose corresponding values for the command.
11. Repeat step 1 for as many commands necessary.
12. Parson’s Problems evaluation default is set to on, but the Instructor can choose to turn it off, so the Student does not have access to Parson’s Problems.
13. Enter the secret word that corresponds with correct hint assisted attempt.
    1. Click the encrypt button.

Click the Submit button