

Sheet C: Please follow the semantic description from every question to produce your SQLs and schema.

Submission: Two plain text files need to be submitted. First plain text file (.txt) just contains the SQLs from the first 3 questions (p.s You need to number them for me to identify what question you answer). The second one is for the updated Schema from you (Namely, the second one is a .sql file).

1. Please import "ksu_db0914 _midterm" schema and use an SQL to answer this question. You are asked to select ksu_std_table's data that is satisfied with the scores not greater than 40. And. these students should be from CS department. Please display students' names, ages, and grades only.

Ans.

2. Please import "ksu_db0914 _midterm" schema and follow from the above question to use an SQL for answering this question. You are asked to select ksu_std_table's data in which students' names contain "Sieg" or "Penny" strings. Please display students' names, ages, and grades only.

Ans.

3. Please import "ksu_db0914 _midterm" schema and use an SQL to answer this question. You are asked to join ksu_std_table's data and dept_detail's data together to compute the highest score and the number of students from every department. Please display department names, and number of students from every department only.

Ans.

4. Please import "ksu_db0914 error" schema, and update and then submit it for this question. Generally speaking, we need to create an empty database before importing its schema like "ksu_db0914 error" by using phpmyadmin interface. Now, we want to consider the following requests to update this schema:

- ✧ Before importing this schema without creating an empty database
- ✧ The updated schema (.sql) from you is allowed to import more than one time successfully without any error messages such as "Database exists...", "Table exists...", and so on.

You are asked to update "ksu_db0914 error" schema and submit it named as "ksu_db0914 ok" schema satisfying the above requests.