

Assignment 2

Note:

- a. Write your answer in a piece of paper and take a picture. Paste it in a Word document and submit.
- b. Do not just copy from the slides. Add your own words.
- c. Your document submitted should always have your name.

Answer the following questions.

1. What is the difference between a database and a table?
2. What does it mean to say that a database displays both entity integrity and referential integrity?
3. Why are entity integrity and referential integrity important in a database?
4. What are the requirements that two relations must satisfy in order to be considered union-compatible?
5. Which relational algebra operators can be applied to a pair of tables that are not union-compatible?
6. Explain why the data dictionary is sometimes called “the database designer’s database.”