STUDENT ACTIVITY 1.4: REVIEW QUIZ FOR DATABASE ADMIN FUNDAMENTALS OBJECTIVES 1.3 AND 1.4

MTA Course: Database Administration Fundamentals
Topic: Understand data manipulation language (DML) and understand data definition language (DDL).
File name: DBAdminFund_SA_1.4

Lesson Objectives:

1.3: Understand data manipulation language (DML) and

1.4: Understand data definition language (DDL).

Resources, software, and additional files needed for this lesson:

- None

Directions to the student:

Write the complete commands to perform the following tasks in creating a student database for a school. You determine the data to be used in each task. There should be three pieces of personal data for each student and a maximum of seven classes.

Content:

Create a student database for a school. You have to decide on all elements of the database. The database must be able to perform the following steps. Show all work.

1. Write the command(s) to create the student database.

2. Write the command(s) to add a student with key personal data and seven classes. You determine which items could be declared as null.

3. Write the command(s) to add one class for an existing student, with a maximum of seven classes.

4. Write the command(s) to update one data element in this database.

5. Write the command(s) that lists the data for a student with a given ID.

6. Label each command from questions 1–5 as either DML or DDL.