Take Assessment: Exercise 4

Please answer the following question(s).
If the assessment includes multiple-choice questions, click the "Submit Answers" button when you have completed those questions.

1. [Go to bottom of question.](#)

ER Mapping

Map your ER schema into a relational database schema, using the mapping algorithm. Express the resulting relational database schema, using the following notation: PK for Primary Key, AK for Alternate Key, and FK for Foreign Key with an arrow to corresponding Table (Primary key) as given below. Show the results of your work for each step of the mapping algorithm. Submit your work in a file called *relational-schema.txt*.
EMP(SSN, Name, DriverLicenseNo, DeptNo);
PK (SSN)
AK (DriverLicenseNo)
FK (DeptNo) -> Dept(DNo)
Code your relational schema using CREATE TABLE statements. Notice that this set of statements should specify the integrity constraints: keys, relationships, etc. Submit your CREATE table statements as a text file named *relational-model.sql*.
Run your CREATE TABLE statements to create the relational schema.

You should submit the following files for this exercise.

1. relational-schema.txt
2. relational-model.sql

To help yourself do your best on this assessment, consult this general list of [grading guidelines](#).

[Go to top of question.](#)