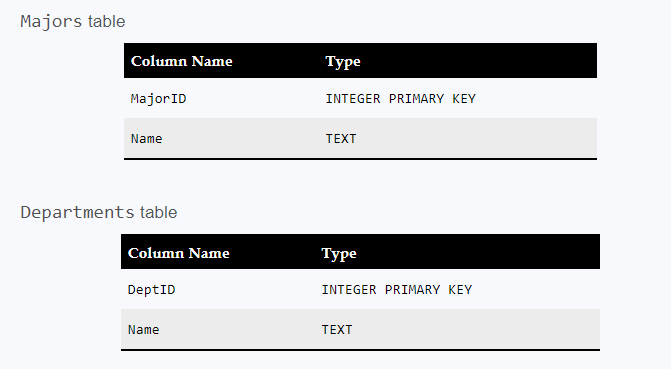
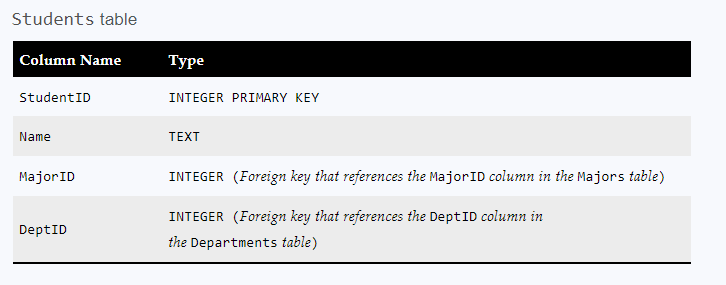
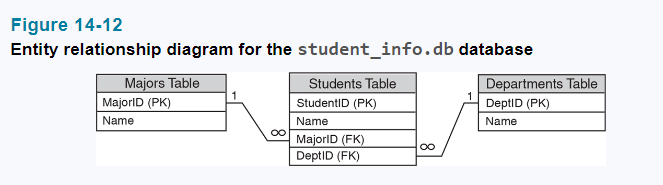
**Relational Database Assignment - Due 3/12/2023**

In this assignment, you will create a database named student\_info.db that holds the following information about students at a college:

* The student’s name
* The student’s major
* The department in which the student is enrolled

The database should have the following tables:****



****

* Write a program that creates the database and the tables.
* Write a program that performs CRUD operations on the Majors table. Specifically, the program should allow the user to do the following:

\_\_\_ Add a new major

\_\_\_ Search for an existing major

\_\_\_ Update an existing major

\_\_\_ Delete an existing major

\_\_\_ Show a list of all majors

* Write a program that performs CRUD operations on the Departments table. Specifically, the program should allow the user to do the following:

\_\_\_ Add a new department

\_\_\_ Search for an existing department

\_\_\_ Update an existing department

\_\_\_ Delete an existing department

\_\_\_ Show a list of all departments

* Write a program that performs CRUD operations on the Students table. Specifically, the program should allow the user to do the following:

\_\_\_ Add a new student

\_\_\_ Search for an existing student

\_\_\_ Update an existing student

\_\_\_ Delete an existing student

\_\_\_ Show a list of all students

When adding, updating, and deleting rows, be sure to enable foreign key enforcement. When adding a new student to the Students table, the user should only be allowed to select an existing major from the Departments table, and an existing department from the Departments table.