**REPORT**

**That describes scripts and an SQLite model**

Group: C

Professor: Mehdi Pirahandeh

Class: Database Management and Practice

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1. Text, website

   Description automatically generated with medium confidenceWe first downloaded the file that we used before named ‘my\_db.db’ and then imported “create\_engine” from “sqlalchemy”. Connected “my\_db.db” to “create\_engine”:
2. Text

   Description automatically generatedAfter identifying unnecessary data from “my\_db.db” file, we deleted them all:
3. From “sqlalchemy.exc” we imported the “SQLAlchemyError” then we wrote a code that checks for any kind of errors that may appear and if there is an error it shows just “error”. Besides this it would create a table if there was not one namely “student” and to the table “student” we inserted four subcategories such as id as an integer, name as text, course as text, and grade as Text

   Description automatically generatedan integer.
4. Graphical user interface, application

   Description automatically generatedWe opened the “my\_db.db” file and checked our table to make sure whether our code works.
5. We selected subcategories and assigned them to make a conversion of grades to GPA.

Table

Description automatically generatedGraphical user interface, text, application

Description automatically generated

1. So below is the code to find the number of students according to the category “A, B, C…”

Text

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Table

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