Assignment #1 – Simple Database Management System

**CODE:** Code is included in the zipped folder of this submission. The code is in both a ‘.py’ and ‘.txt’ file types.

**INSTRUCTIONS:** To execute this code, run the python script “Assignment1.py” in a Python Shell or other Python IDE.

1. Create a Schema
   1. Enter the header fields for the schema, and separate each header by a comma (“,”), and then hit ENTER.
   2. Enter the database name and hit ENTER. This name will be used to generate the database file name.
   3. Confirm the name of the database. If name is not correct, then go back to step 1.b and enter name again.
2. Update A Schema
   1. Select the database for the schema that is to be updated.
      1. Keep this schema, and append to the end of current schema.
         1. Enter the header fields (similar to step 1.) and separate each new field by a comma. Hit ENTER when finished.
      2. Remove this schema, and insert new schema.
         1. Enter the header fields (similar to step 1.) and separate each new field by a comma. Hit ENTER when finished.
      3. Keep this schema, do not update database.
         1. Exit back to main menu and do not update database schema.
3. Update Data In A Database
   1. Select the database for the data to be updated in.
   2. Enter the data to be added, and separate each field by a comma. Hit ENTER when finished.
   3. Confirm new data
4. Retrieve Data From A Database
   1. Select database
   2. Database is printed to the terminal

5.Exit Database Management System

a. Exit the program