Assignment Specifications: Single-Table SQL

Example walkthrough for assignment

Perform the instructions below and enter the code you get into the following assignment. (Hint: starts with 493)

Specifications

First, create a MySql database or use an existing database (make sure to use a UTF8 character set) and then create a table the database called "Ages":

```
1   CREATE TABLE Ages (
2     name VARCHAR(128),
3     age INTEGER
4   )
5
```

Then make sure the table is empty by deleting any rows that you previously inserted, and insert these rows and only these rows with the following commands:

Sample Data

```
1   DELETE FROM Ages;
2   INSERT INTO Ages (name, age) VALUES ('Zahra', 34);
3   INSERT INTO Ages (name, age) VALUES ('Olufunke', 23);
4   INSERT INTO Ages (name, age) VALUES ('Choire', 38);
5   INSERT INTO Ages (name, age) VALUES ('Makenna', 32);
6   INSERT INTO Ages (name, age) VALUES ('Ula', 16);
7   INSERT INTO Ages (name, age) VALUES ('Garren', 40);
8
```

For the assignment use the data on your individual autograder page, not the sample data above.

Once the inserts are done, run the following SQL command:

```
1   SELECT sha1(CONCAT(name,age)) AS X FROM Ages ORDER BY X
2
```

Find the **first** row in the resulting record set and enter the long string that looks *like* **254c6127cdbc4c38e065317667340e8b0950046f** (this is just a sample string). Use the hint as a guide.

Sample data output: