Addison Wurtz
CS 530
notebooks/Week3

Lab Notebook – Week 1

Table of Contents:

03.1: Python Flask Guestbook

03.2: ag:SQL

SQL Quiz:

SQL Quiz

Result:

24 of 25

96%

You can be proud of yourself!

Time Spent
9:28

| Check your answers | Try Again | Back to Quizzes |

ODIN ID awurtz   +

File   Edit   View

ODIN ID: awurtz
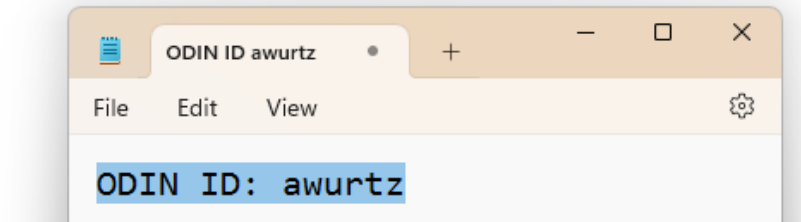
GCP Cloud SQL

What are the names of the tables that are created?

Accommodation, Rating, and Recommendation.

What are the primary keys of each table?

Accommodation: ID
Rating: (accoId, userId)
Recommendation: (userId, accoId)

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What data (e.g. columns) does the Accommodation table hold?

Id (varchar), title (varchar), location (varchar), price (int), rooms (int), rating (float), type (varchar)

Assuming the column data is ordered as in the DDL, list the attributes and their values for each accommodation in Dublin.

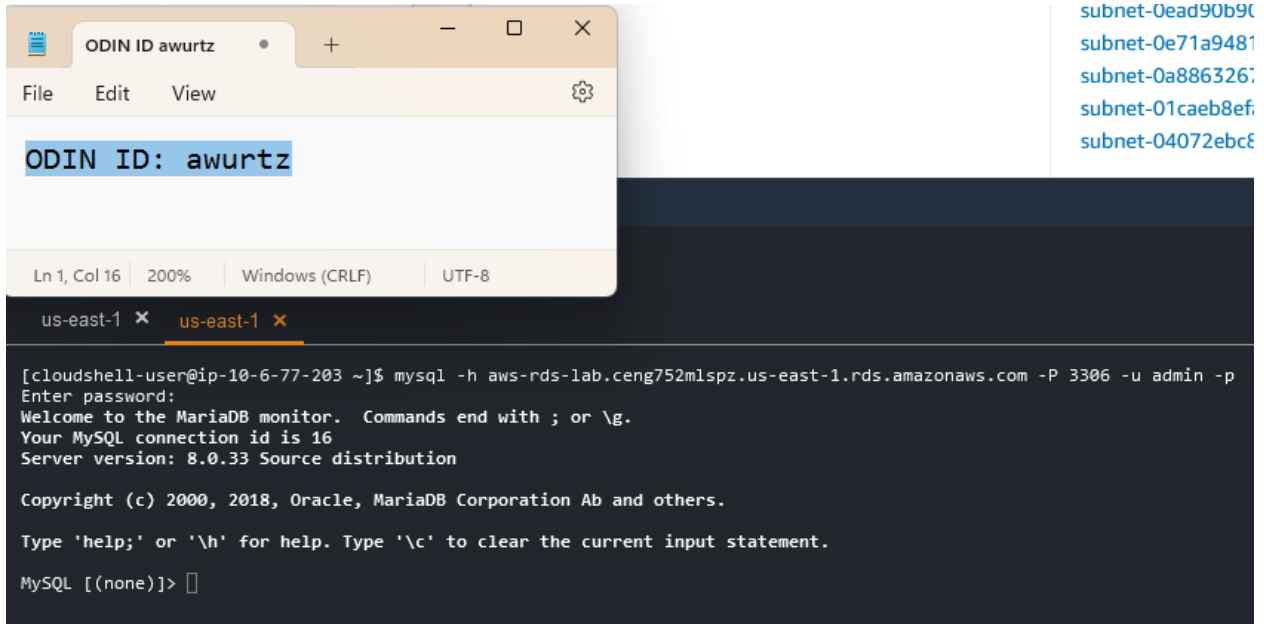First Listing:
       Id: 6
       Title: Pleasant Quiet Place
       Location: Dublin
       Price: 35
       Rooms: 5
       Rating: 4.3
       Type: house

Second Dublin Listing:
       Id: 77
       Title: Great Private Country House
       Location: Dublin
       Price: 1150
       Rooms: 10
       Rating: 2.4
       Type: mansion

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Cloud SQL from Cloud Shell

```
18 rows in set (0.00 sec)

mysql> select * from Accommodation where type='mansion' and price between 600 and 900
    -> ;
+----+------------------------------+---------------+-------+-------+--------+---------+
| id | title                        | location      | price | rooms | rating | type    |
+----+------------------------------+---------------+-------+-------+--------+---------+
| 10 | Sizable Calm Country House   | Auckland      |   650 |     9 |    4.9 | mansion |
| 17 | Large Calm Sately House      | NYC           |   850 |     9 |    1.2 | mansion |
| 20 | Big Private Hall             | Buenos Aires  |   650 |    12 |    1.2 | mansion |
| 29 | Big Quiet Manor              | San Francisco |   650 |    12 |    4.3 | mansion |
| 32 | Immense Private Hall         | Seattle       |   850 |    12 |      1 | mansion |
| 41 | Big Calm Manor               | Seattle       |   800 |    11 |    2.7 | mansion |
| 42 | Large Calm Residence         | London        |   900 |    12 |    2.4 | mansion |
| 47 | Sizable Calm Sately House    | Seattle       |   900 |    10 |    1.5 | mansion |
| 56 | Sizable Private Residence    | London        |   800 |    11 |    3.5 | mansion |
| 57 | Immense Quiet Residence      | Auckland      |   800 |    11 |    3.5 | mansion |
| 84 | Great Peaceful Sately House  | Melbourne     |   700 |     8 |    3.2 | mansion |
| 87 | Immense Peaceful Hall        | San Francisco |   850 |    12 |    4.4 | mansion |
| 91 | Large Peaceful Hall          | Melbourne     |   650 |    10 |    1.9 | mansion |
| 95 | Great Calm Hall              | San Francisco |   800 |    11 |    3.8 | mansion |
| 96 | Immense Private Country House | Tokyo        |   800 |     9 |    3.8 | mansion |
+----+------------------------------+---------------+-------+-------+--------+---------+
15 rows in set (0.00 sec)

mysql>
```

```
15 rows in set (0.00 sec)

mysql> select * from Accommodation where type='cottage' and price between 60 and 100;
+----+---------------------+---------------+-------+-------+--------+---------+
| id | title               | location      | price | rooms | rating | type    |
+----+---------------------+---------------+-------+-------+--------+---------+
| 18 | Big Peaceful Hut    | Melbourne     |    60 |     2 |    2.4 | cottage |
|  2 | Cozy Calm Hut       | London        |    65 |     2 |    4.1 | cottage |
| 21 | Big Peaceful Cabin  | Seattle       |    80 |     2 |    4.9 | cottage |
| 23 | Homy Calm House     | Paris         |    70 |     2 |      2 | cottage |
| 36 | Comfy Private Shanty | NYC          |    80 |     1 |    3.7 | cottage |
| 43 | Nice Private Hut    | Melbourne     |    60 |     3 |    2.8 | cottage |
| 51 | Nice Quiet Hut      | Auckland      |    70 |     3 |    1.4 | cottage |
| 55 | Cozy Peaceful Hut   | London        |    75 |     2 |    1.7 | cottage |
| 62 | Comfy Calm Cabin    | Buenos Aires  |    65 |     2 |    4.3 | cottage |
| 69 | Homy Quiet House    | NYC           |    65 |     1 |    3.1 | cottage |
| 73 | Nice Peaceful Cabin | London        |    60 |     1 |    3.4 | cottage |
| 81 | Homy Quiet Shack    | Seattle       |    70 |     3 |    2.2 | cottage |
| 82 | Cozy Peaceful Cabin | San Francisco |    75 |     1 |    1.6 | cottage |
| 92 | Cozy Quiet Bungalow | San Francisco |    85 |     3 |    3.5 | cottage |
| 97 | Cozy Quiet Chalet   | Auckland      |    75 |     1 |    2.3 | cottage |
+----+---------------------+---------------+-------+-------+--------+---------+
15 rows in set (0.00 sec)

mysql>
```

AWS RDS

ODIN ID: awurtz

```
[cloudshell-user@ip-10-6-77-203 ~]$ mysql -h aws-rds-lab.ceng752mlspz.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 8.0.33 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]>
```
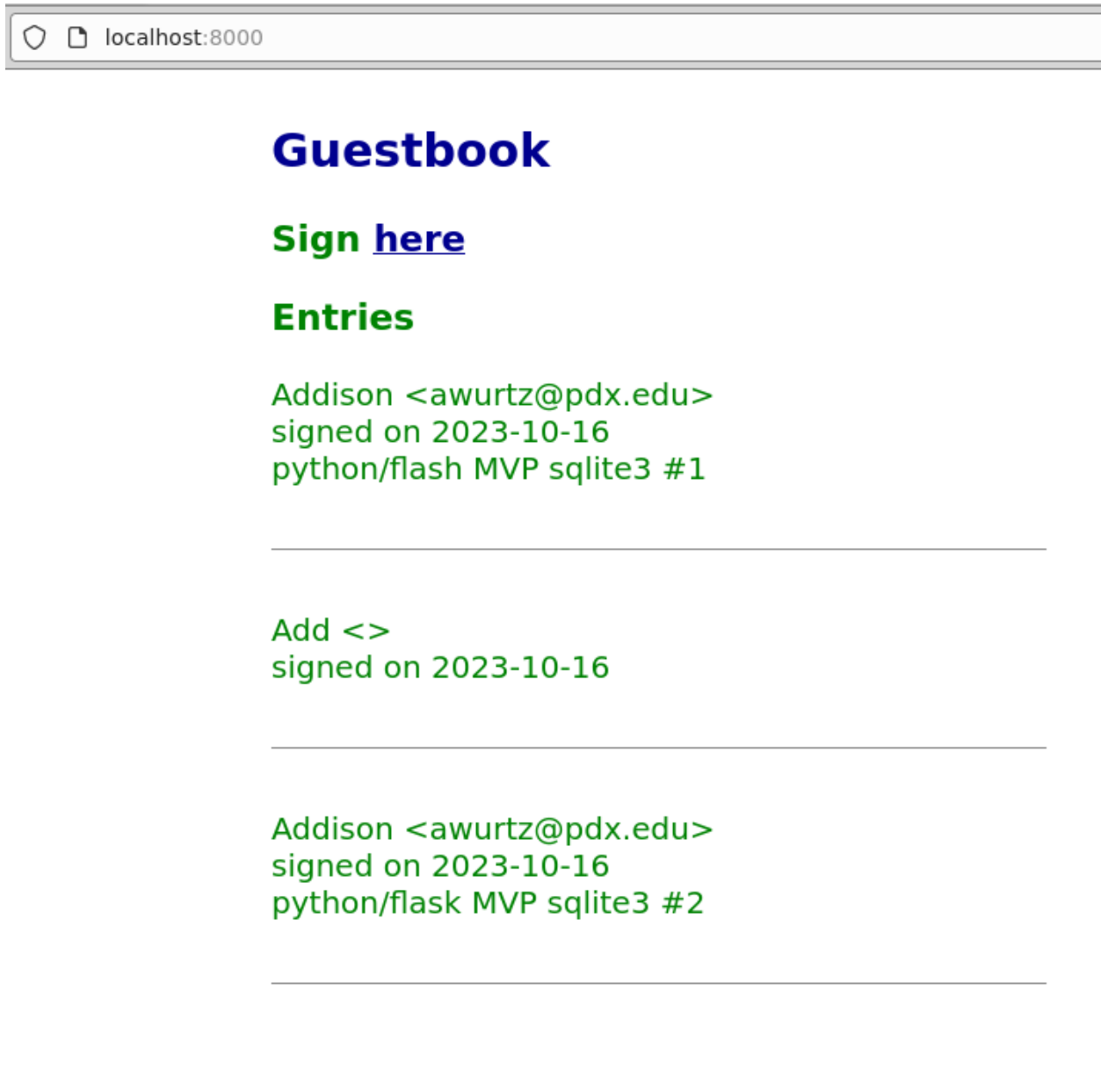

03.3: sqlite3 Guestbook

Running the code

Guestbook

Sign here

Entries

Addison <awurtz@pdx.edu>
signed on 2023-10-16
python/flash MVP sqlite3 #1

Add <>
signed on 2023-10-16
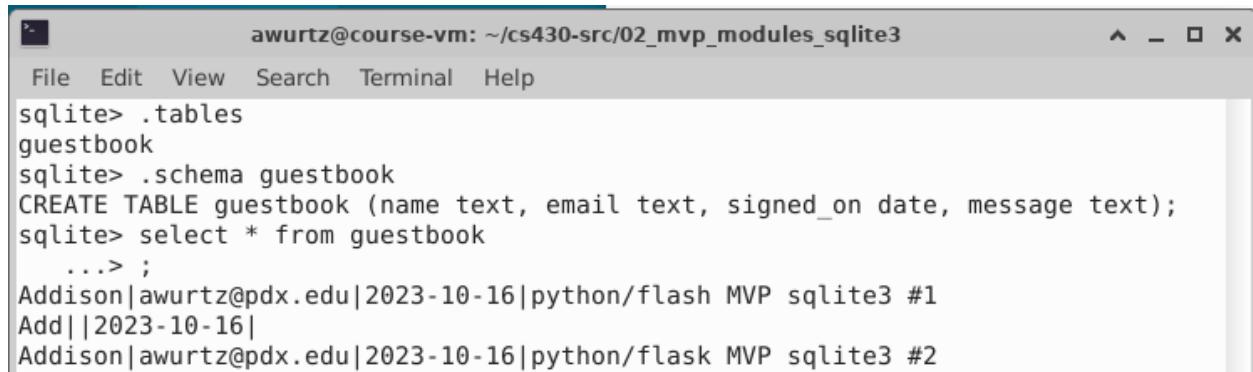

Addison <awurtz@pdx.edu>
signed on 2023-10-16
python/flask MVP sqlite3 #2

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Sqlite3 database

```
awurtz@course-vm: ~/cs430-src/02_mvp_modules_sqlite3

File   Edit   View   Search   Terminal   Help

sqlite> .tables
guestbook
sqlite> .schema guestbook
CREATE TABLE guestbook (name text, email text, signed_on date, message text);
sqlite> select * from guestbook
   ...> ;
Addison|awurtz@pdx.edu|2023-10-16|python/flash MVP sqlite3 #1
Add||2023-10-16|
Addison|awurtz@pdx.edu|2023-10-16|python/flask MVP sqlite3 #2
```