Lab 3 Notebook

3.1

5. **Add an entry that includes your PSU e-mail address in it and the message "python/flask guestbook". Take a screenshot of the resulting page for your lab notebook.**

Entries

Sam <khod2@pdx.edu>
signed on 2023-10-11
python/flask guestbook

3.2

2. **Take the quiz and include a screenshot with your OdinID on it of the "Check your answers" page at the end of the quiz.**

SQL Quiz Results

Score: 23 of 25

92% Correct: KHOD2

3. **What are the names of the tables that are created?**

    -   Accomodation, Rating, Recommendation.

    What are the primary keys of each table?

    -   ID, accoID & userID, userID & accoID.

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

    -   Title, location, price, rooms, rating, and type.

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

    -   ID: 6,   Title: Pleasant Quiet Place,   Location: Dublin,   Price: 35,   Rooms: 5,
        Rating: 4.3,   Type: house

    -   ID: 77,   Title: Great Private Country House,   Location: Dublin,
        Price: 1150,   Rooms: 10,   Rating: 2.4,   Type: mansion

7. **Take screenshots of the output of each query for your lab notebook.**

```
mysql> SELECT * FROM Accommodation WHERE price BETWEEN 1000 AND 3000;
+----+---------------------------+---------------+-------+-------+--------+---------+
| id | title                     | location      | price | rooms | rating | type    |
+----+---------------------------+---------------+-------+-------+--------+---------+
| 14 | Colossal Peaceful Palace  | Melbourne     | 1200  | 21    | 1.5    | castle  |
| 15 | Vast Private Fort         | London        | 1300  | 18    | 2.6    | castle  |
| 26 | Enormous Peaceful Palace  | Paris         | 1300  | 18    | 1.1    | castle  |
| 27 | Enormous Calm Castle      | Berlin        | 1500  | 12    | 2.3    | castle  |
| 31 | Colossal Private Castle   | Buenos Aires  | 1400  | 15    | 3.3    | castle  |
| 35 | Colossal Quiet Chateau    | NYC           | 2300  | 14    | 4.6    | castle  |
| 37 | Enormous Quiet Chateau    | Berlin        | 2000  | 20    | 2.7    | castle  |
| 40 | Colossal Private Castle   | Seattle       | 2900  | 24    | 1.5    | castle  |
| 45 | Vast Quiet Chateau        | Tokyo         | 1100  | 19    | 2.3    | castle  |
| 46 | Colossal Private Castle   | San Francisco | 1900  | 15    | 3.7    | castle  |
| 50 | Enormous Calm Fort        | Seattle       | 2300  | 22    | 4.5    | castle  |
| 52 | Giant Private Palace      | Melbourne     | 1800  | 23    | 2.7    | castle  |
| 60 | Vast Peaceful Palace      | Seattle       | 1600  | 19    | 1.1    | castle  |
| 63 | Big Private Chateau       | Buenos Aires  | 2400  | 23    | 4.5    | castle  |
| 67 | Giant Calm Chateau        | Vancouver     | 2300  | 13    | 3.2    | castle  |
| 68 | Giant Peaceful Fort       | Paris         | 1800  | 21    | 1.1    | castle  |
| 70 | Great Calm Sately House   | Paris         | 1050  | 10    | 2.2    | mansion |
| 74 | Giant Calm Fort           | Melbourne     | 2400  | 12    | 2.3    | castle  |
| 77 | Great Private Country House | Dublin      | 1150  | 10    | 2.4    | mansion |
| 78 | Giant Private Fortress    | Tokyo         | 2100  | 17    | 2.5    | castle  |
| 79 | Large Private Manor       | Vancouver     | 1050  | 10    | 4.8    | mansion |
| 9  | Giant Peaceful Palace     | London        | 1500  | 20    | 3.5    | castle  |
| 93 | Giant Quiet Chateau       | Vancouver     | 1800  | 16    | 3.9    | castle  |
| 94 | Giant Peaceful Castle     | Auckland      | 2900  | 25    | 3.3    | castle  |
| 98 | Big Private Castle        | Paris         | 2000  | 23    | 4.6    | castle  |
+----+---------------------------+---------------+-------+-------+--------+---------+
25 rows in set (0.00 sec)

mysql> khod2
```

```
mysql> SELECT * FROM Accommodation WHERE price BETWEEN 50 AND 60;
+----+------------------------+---------------+-------+-------+--------+---------+
| id | title                  | location      | price | rooms | rating | type    |
+----+------------------------+---------------+-------+-------+--------+---------+
| 1  | Comfy Quiet Chalet     | Vancouver     | 50    | 3     | 3.1    | cottage |
| 11 | Homy Quiet Shanty      | Melbourne     | 50    | 1     | 2.8    | cottage |
| 18 | Big Peaceful Hut       | Melbourne     | 60    | 2     | 2.4    | cottage |
| 22 | Pleasant Peaceful House| Auckland      | 50    | 5     | 3.5    | house   |
| 25 | Nice Calm Chalet       | Seattle       | 55    | 2     | 4.5    | cottage |
| 39 | Beautiful Calm Villa   | Vancouver     | 50    | 3     | 3.5    | house   |
| 43 | Nice Private Hut       | Melbourne     | 60    | 3     | 2.8    | cottage |
| 5  | Homy Quiet Shack       | Paris         | 50    | 1     | 1.1    | cottage |
| 59 | Large Peaceful Place   | Tokyo         | 55    | 5     | 1.2    | house   |
| 61 | Large Calm Place       | NYC           | 60    | 2     | 1.3    | house   |
| 71 | Cozy Calm Hut          | San Francisco | 55    | 2     | 3.8    | cottage |
| 73 | Nice Peaceful Cabin    | London        | 60    | 1     | 3.4    | cottage |
| 75 | Large Private Place    | Berlin        | 50    | 4     | 3.6    | house   |
| 85 | Nice Private Shack     | Auckland      | 55    | 1     | 4.9    | cottage |
+----+------------------------+---------------+-------+-------+--------+---------+
14 rows in set (0.00 sec)

mysql> khod2
```

```
mysql> SELECT * FROM Accommodation WHERE type='house';
+----+-------------------------+---------------+-------+-------+--------+-------+
| id | title                   | location      | price | rooms | rating | type  |
+----+-------------------------+---------------+-------+-------+--------+-------+
| 12 | Beautiful Peaceful Villa | Seattle      |    90 |     2 |    2.1 | house |
| 16 | Large Calm House        | Melbourne     |    45 |     3 |    4.1 | house |
| 22 | Pleasant Peaceful House | Auckland      |    50 |     5 |    3.5 | house |
| 28 | Beautiful Calm Villa    | Tokyo         |   110 |     2 |    4.2 | house |
|  3 | Agreable Calm Place     | London        |    65 |     4 |    4.8 | house |
| 30 | Large Peaceful House    | Berlin        |   110 |     5 |    2.3 | house |
| 33 | Pleasant Calm Place     | Tokyo         |    30 |     2 |    4.8 | house |
| 38 | Big Private House       | San Francisco |    70 |     4 |    2.9 | house |
| 39 | Beautiful Calm Villa    | Vancouver     |    50 |     3 |    3.5 | house |
| 49 | Big Private Villa       | NYC           |    90 |     2 |    4.8 | house |
| 59 | Large Peaceful Place    | Tokyo         |    55 |     5 |    1.2 | house |
|  6 | Pleasant Quiet Place    | Dublin        |    35 |     5 |    4.3 | house |
| 61 | Large Calm Place        | NYC           |    60 |     2 |    1.3 | house |
| 66 | Beautiful Private Villa | London        |    80 |     2 |    2.4 | house |
| 72 | Beautiful Calm Place    | Paris         |    80 |     4 |    2.1 | house |
| 75 | Large Private Place     | Berlin        |    50 |     4 |    3.6 | house |
| 76 | Pleasant Calm Villa     | Berlin        |    30 |     2 |    2.4 | house |
| 86 | Large Quiet House       | London        |   100 |     4 |      4 | house |
| 90 | Big Quiet House         | Seattle       |    35 |     5 |    3.2 | house |
| 99 | Pleasant Quiet Place    | NYC           |    80 |     4 |    3.2 | house |
+----+-------------------------+---------------+-------+-------+--------+-------+
20 rows in set (0.01 sec)

mysql> khod2
```

```
mysql> SELECT * FROM Accommodation WHERE type='mansion';
+----+------------------------------+---------------+-------+-------+--------+---------+
| 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 |
| 70 | Great Calm Sately House      | Paris         |  1050 |    10 |    2.2 | mansion |
| 77 | Great Private Country House  | Dublin        |  1150 |    10 |    2.4 | mansion |
| 79 | Large Private Manor          | Vancouver     |  1050 |    10 |    4.8 | 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 |
+----+------------------------------+---------------+-------+-------+--------+---------+
18 rows in set (0.00 sec)

mysql> khod2
```

15. **Show a screenshot of the successful connection similar to below that includes your OdinID.**

```
[cloudshell-user@ip-10-6-79-215 ~]$ mysql -h aws-rds-lab.cnkcv57ahtzg.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)]> khod2
```

3.3

4. **Take a screenshot of the resulting page for your lab notebook**

Guestbook

Sign here

Entries

Sam <khod2@pdx.edu>
signed on 2023-10-12
python/flask MVP sqlite3 #1

Sam <khod2@pdx.edu>
signed on 2023-10-12
python/flask MVP sqlite3 #2

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5. **Then, within the sqlite client, perform the following commands and take a screenshot of their output to include in your lab notebook.**

```
sqlite> .tables
guestbook
sqlite> .schema guestbook
CREATE TABLE guestbook (name text, email text, signed_on date, message text);
sqlite> SELECT * FROM guestbook;
Sam|khod2@pdx.edu|2023-10-12|python/flask MVP sqlite3 #1
Sam|khod2@pdx.edu|2023-10-12|python/flask MVP sqlite3 #2
sqlite> |
```