

Lab 3.1

Here is the screenshot of the Python guestbook page that includes my PSU e-mail address in it and the message "python/flask guestbook".

Guestbook

Name:

Email:

Message:

Entries

Emmanuel Arthur <emmanart@pdx.edu>
signed on 2025-10-15
python/flask guestbook

Lab 3.2

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

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SQL Quiz

Result:

22 of 25

88%

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SQL Quiz Results

Score: 22 of 25

88% Correct:

Question 1:

What does SQL stand for?

✓ Structured Query Language

Your answer

Structured Question Language

Strong Question Language

Question 2:

- What are the names of the tables that are created? The names of the tables are Recommendation, Rating and Accommodation
- What are the primary keys of each table?

Accommodation: ID, Recommendation: accold and userId, Rating: accold and userId

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

Id, title, locations, price, rooms, rating, type

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

| Id | Title | locations | Price | rooms | rating | type |
|----|-----------------------------|-----------|-------|-------|--------|---------|
| 6 | Pleasant Quiet Place | Dublin | 35 | 5 | 4.3 | house |
| 77 | Great Private Country House | Dublin | 1150 | 10 | 2.4 | mansion |

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

Two price ranges

```
Database changed
mysql> select * from Accommodation where price > 2000
-> ;
+----+-----+-----+-----+-----+-----+-----+
| id | title                | location | price | rooms | rating | type |
+----+-----+-----+-----+-----+-----+-----+
| 13 | Enormous Peaceful Fortress | Melbourne | 3300 | 12 | 2.3 | castle |
| 19 | Giant Quiet Castle       | Paris    | 4500 | 18 | 1.6 | castle |
| 34 | Vast Private Fort        | NYC      | 4400 | 21 | 1.7 | castle |
| 35 | Colossal Quiet Chateau   | NYC      | 2300 | 14 | 4.6 | castle |
| 4  | Colossal Quiet Chateau   | Paris    | 3400 | 16 | 2.7 | castle |
| 40 | Colossal Private Castle  | Seattle  | 2900 | 24 | 1.5 | castle |
| 44 | Big Peaceful Chateau      | Melbourne | 3400 | 21 | 3.2 | castle |
| 48 | Big Calm Fort            | Vancouver | 4500 | 22 | 4   | castle |
| 50 | Enormous Calm Fort       | Seattle  | 2300 | 22 | 4.5 | castle |
| 54 | Enormous Quiet Chateau   | Melbourne | 4400 | 20 | 1.7 | castle |
| 63 | Big Private Chateau      | Buenos Aires | 2400 | 23 | 4.5 | castle |
| 64 | Enormous Peaceful Fort   | Berlin   | 3500 | 13 | 1.8 | castle |
| 67 | Giant Calm Chateau       | Vancouver | 2300 | 13 | 3.2 | castle |
| 7  | Vast Peaceful Fortress   | Seattle  | 3200 | 24 | 1.9 | castle |
| 74 | Giant Calm Fort          | Melbourne | 2400 | 12 | 2.3 | castle |
| 78 | Giant Private Fortress   | Tokyo    | 2100 | 17 | 2.5 | castle |
| 8  | Giant Quiet Fortress     | San Francisco | 3400 | 12 | 4.1 | castle |
| 88 | Colossal Quiet Palace    | Seattle  | 4100 | 16 | 3.6 | castle |
| 94 | Giant Peaceful Castle    | Auckland | 2900 | 25 | 3.3 | castle |
+----+-----+-----+-----+-----+-----+-----+
19 rows in set (0.00 sec)
```

```
mysql> select * from Accommodation where price > 100 and price < 1000
-> ;
```

| 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 |
| 28 | Beautiful Calm Villa | Tokyo | 110 | 2 | 4.2 | house |
| 29 | Big Quiet Manor | San Francisco | 650 | 12 | 4.3 | mansion |
| 30 | Large Peaceful House | Berlin | 110 | 5 | 2.3 | house |
| 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 |

```
17 rows in set (0.00 sec)
```

Two types

```
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 |

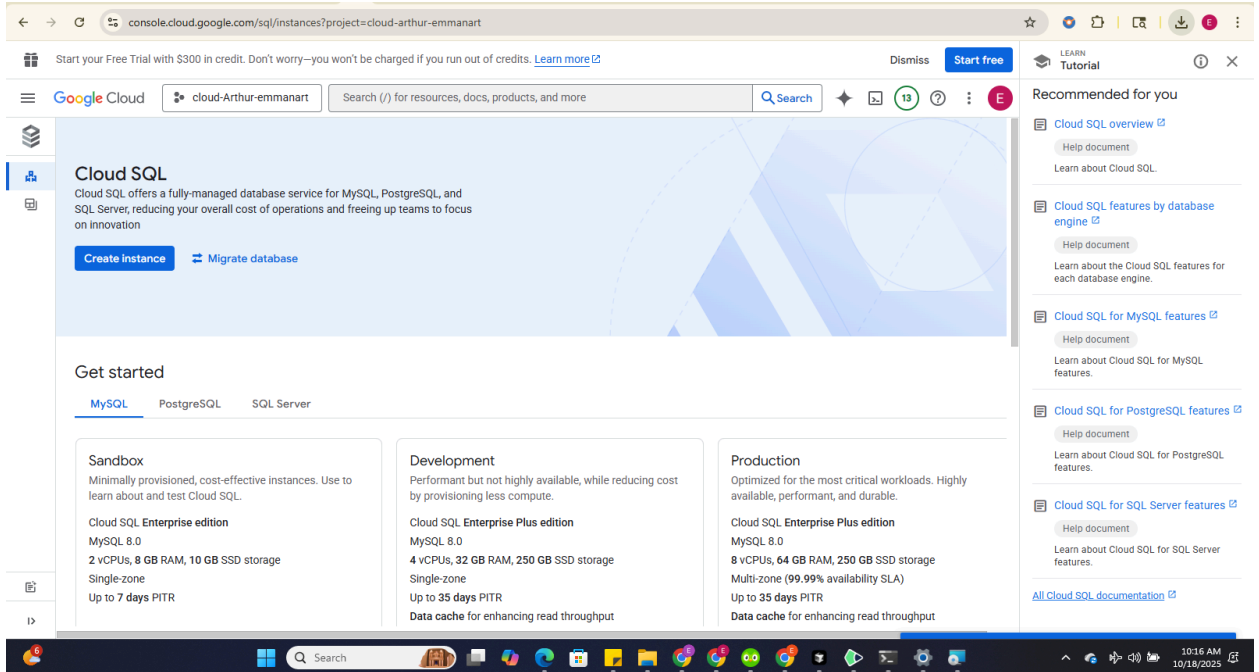
```
18 rows in set (0.01 sec)
```

```
mysql> select * from Accommodation where type = 'castle'
-> ;
```

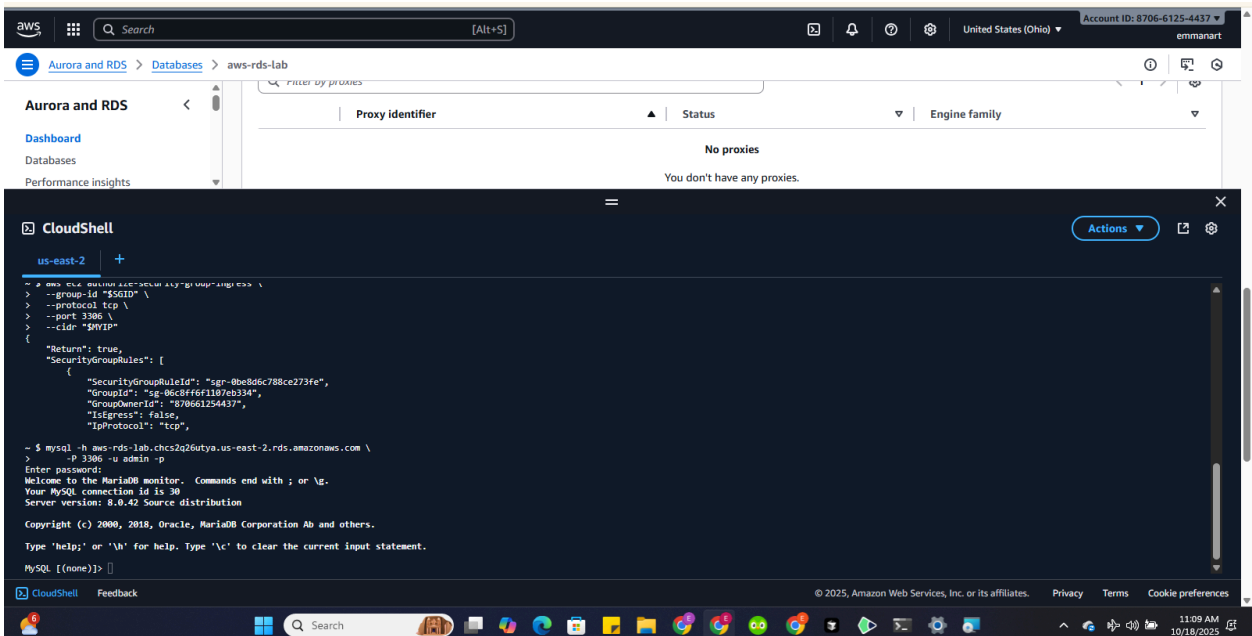
| id | title | location | price | rooms | rating | type |
|----|----------------------------|---------------|-------|-------|--------|--------|
| 13 | Enormous Peaceful Fortress | Melbourne | 3300 | 12 | 2.3 | castle |
| 14 | Colossal Peaceful Palace | Melbourne | 1200 | 21 | 1.5 | castle |
| 15 | Vast Private Fort | London | 1300 | 18 | 2.6 | castle |
| 19 | Giant Quiet Castle | Paris | 4500 | 18 | 1.6 | 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 |
| 34 | Vast Private Fort | NYC | 4400 | 21 | 1.7 | castle |
| 35 | Colossal Quiet Chateau | NYC | 2300 | 14 | 4.6 | castle |
| 37 | Enormous Quiet Chateau | Berlin | 2000 | 20 | 2.7 | castle |
| 4 | Colossal Quiet Chateau | Paris | 3400 | 16 | 2.7 | castle |
| 40 | Colossal Private Castle | Seattle | 2900 | 24 | 1.5 | castle |
| 44 | Big Peaceful Chateau | Melbourne | 3400 | 21 | 3.2 | castle |
| 45 | Vast Quiet Chateau | Tokyo | 1100 | 19 | 2.3 | castle |
| 46 | Colossal Private Castle | San Francisco | 1900 | 15 | 3.7 | castle |
| 48 | Big Calm Fort | Vancouver | 4500 | 22 | 4 | castle |
| 50 | Enormous Calm Fort | Seattle | 2300 | 22 | 4.5 | castle |
| 52 | Giant Private Palace | Melbourne | 1800 | 23 | 2.7 | castle |
| 54 | Enormous Quiet Chateau | Melbourne | 4400 | 20 | 1.7 | castle |
| 60 | Vast Peaceful Palace | Seattle | 1600 | 19 | 1.1 | castle |
| 63 | Big Private Chateau | Buenos Aires | 2400 | 23 | 4.5 | castle |
| 64 | Enormous Peaceful Fort | Berlin | 3500 | 13 | 1.8 | castle |
| 67 | Giant Calm Chateau | Vancouver | 2300 | 13 | 3.2 | castle |
| 68 | Giant Peaceful Fort | Paris | 1800 | 21 | 1.1 | castle |
| 7 | Vast Peaceful Fortress | Seattle | 3200 | 24 | 1.9 | castle |
| 74 | Giant Calm Fort | Melbourne | 2400 | 12 | 2.3 | castle |
| 78 | Giant Private Fortress | Tokyo | 2100 | 17 | 2.5 | castle |
| 8 | Giant Quiet Fortress | San Francisco | 3400 | 12 | 4.1 | castle |
| 88 | Colossal Quiet Palace | Seattle | 4100 | 16 | 3.6 | castle |
| 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 |

```
33 rows in set (0.01 sec)
```

- Take a screenshot showing no instances are running

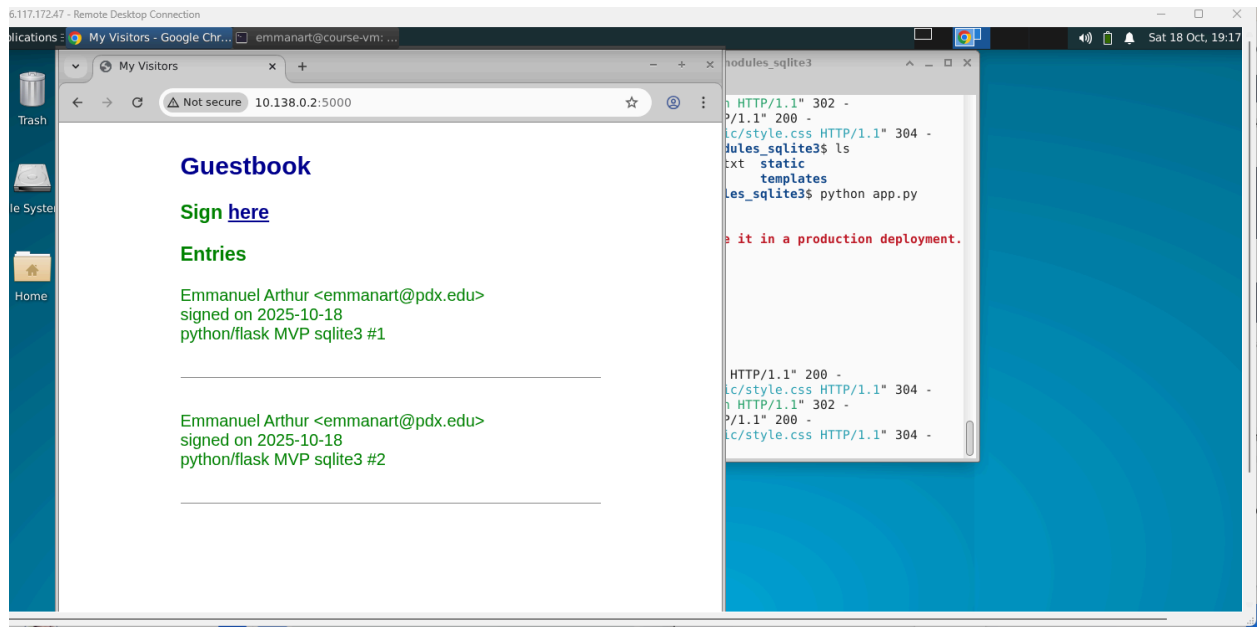


- Show a screenshot of the successful connection similar to below that includes your OdinID



Lab 3.3

- Take a screenshot of the resulting page for your lab notebook



- List the tables in the database and note the table name
- Then, output the schema for the table via its name
- Finally, perform a SQL query to dump out all rows in the table



