

Erick Franco

1/25/25

CS430P

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Python Flask 03.1.5

- 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.

Guestbook

Name:

Email:

Message:

Entries

Erick Franco <Francoer@pdx.edu>
signed on 2025-01-24
Python/flask guestbook

SQL 03.2.2

SQL Quiz

Result:

23 of 25

92%

You can be proud of yourself!

Time Spent

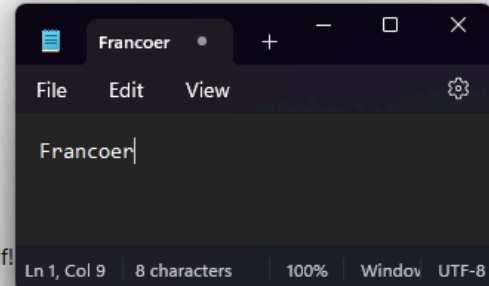
68:09

Check your answers

Try Again

Back to Quizzes

Share your score:



SQL 03.2.3

Examine the data definition language (DDL) commands in [cloudsql/table_creation.sql](#) that specify the schema and answer the following questions:

- What are the names of the tables that are created?
Accommodations, ratings, and Recommendation
- What are the primary keys of each table?
Accommodations: ID
Rating: accoid, userID
Recommendation: userID, accoid
- What data (e.g. columns) does the Accommodation table hold?
Accommodations: id, title, location, price, rooms, ratings, and type
Rating: userID, accoid, rating, F-key: accoid
Recommendation: userID, accoid, prediction, F-key: accoid

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

6,Pleasant Quiet Place,Dublin,35,5,4.3,house
 77,Great Private Country House,Dublin,1150,10,2.4,mansion
 Id:6, 77
 title: Pleasant Quiet Place, Great Private Country House
 location: Dublin, Dublin
 price: 35, 1150
 rooms: 5, 10
 Rating:4.3, 2.4
 type :house, mansion

SQL 03.2.7

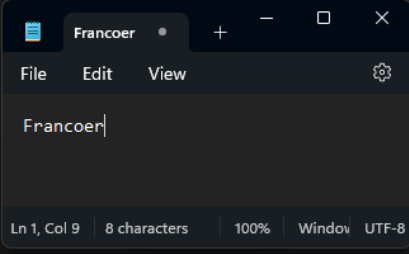
Run queries for accommodations at two price ranges of your choice and two types of your choice.

- Take screenshots of the output of each query for your lab notebook.
 Greater than 4000, and less than 40

```
mysql> select * from Accommodation WHERE price > 4000;
+-----+-----+-----+-----+-----+-----+-----+
| id | title           | location | price | rooms | rating | type |
+-----+-----+-----+-----+-----+-----+-----+
| 19 | Giant Quiet Castle | Paris   | 4500 | 18    | 1.6    | castle |
| 34 | Vast Private Fort  | NYC     | 4400 | 21    | 1.7    | castle |
| 48 | Big Calm Fort      | Vancouver | 4500 | 22    | 4      | castle |
| 54 | Enormous Quiet Chateau | Melbourne | 4400 | 20    | 1.7    | castle |
| 88 | Colossal Quiet Palace | Seattle | 4100 | 16    | 3.6    | castle |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from Accommodation WHERE price < 40;
+-----+-----+-----+-----+-----+-----+-----+
| id | title           | location | price | rooms | rating | type |
+-----+-----+-----+-----+-----+-----+-----+
| 33 | Pleasant Calm Place | Tokyo   | 30    | 2     | 4.8    | house |
| 6  | Pleasant Quiet Place | Dublin  | 35    | 5     | 4.3    | house |
| 76 | Pleasant Calm Villa  | Berlin  | 30    | 2     | 2.4    | house |
| 90 | Big Quiet House      | Seattle | 35    | 5     | 3.2    | house |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```



SQL 03.2.8

Google Cloud

cloud-Franco-Francoer

Search (/) for resources, docs, ...

Search

Cloud SQL

Cloud SQL offers a fully-managed database service for MySQL, PostgreSQL, and SQL Server, reducing your overall cost of operations and freeing up teams to focus on innovation

[CREATE INSTANCE](#)[MIGRATE DATABASE](#)

Get started

[MYSQL](#)[POSTGRES SQL](#)[SQL SERVER](#)

Sandbox

Minimally provisioned, cost-effective instances. Use to learn about and test Cloud SQL.

Cloud SQL Enterprise edition
MySQL 8.0
2 vCPUs, 8 GB RAM, 10 GB SSD storage
Single-zone
Up to 7 days PITR

[→ Start with Sandbox](#)

Development

Performant but not highly available, while reducing cost by provisioning less compute.

Cloud SQL Enterprise Plus edition
MySQL 8.0
4 vCPUs, 32 GB RAM, 250 GB SSD storage
Single-zone
Up to 35 days PITR
Data cache for enhancing read throughput

[→ Start with Development](#)

Production

Optimized for the most critical workloads. Highly available, performant, and durable.

Cloud SQL Enterprise Plus edition
MySQL 8.0
8 vCPUs, 64 GB RAM, 250 GB SSD storage
Multi-zone (99.99% availability SLA)
Up to 35 days PITR
Data cache for enhancing read throughput

[→ Start with Production](#)

Features and benefits

Highly available, protected data

Recover data from any point in time. Safeguard your data with automated backups. Utilize greater than 99.99% availability. Replicate across regions.

Learn more about [MySQL](#), [PostgreSQL](#), and [SQL Server](#)

Pricing and scalability for any workload

Size your instance to fit your needs, with per-second billing and databases that are easily stopped and restarted. Add up to 128 vCPUs and up to 864 GB of RAM and 64 TB of storage. Create read replicas to handle increasing read traffic.

Learn more about [Cloud SQL pricing](#)

Minimize downtime and stay up-to-date

Get notified of upcoming maintenance, and reschedule or deny it. Stay current with automatic minor version upgrades, and in-place major database version upgrades.

Learn more about maintenance controls for [MySQL](#), [PostgreSQL](#), and [SQL Server](#)

Integrate with the best of cloud

Connect from App Engine, Compute Engine, Kubernetes, and more. Analyze data using federated queries from BigQuery.

Simple data migration

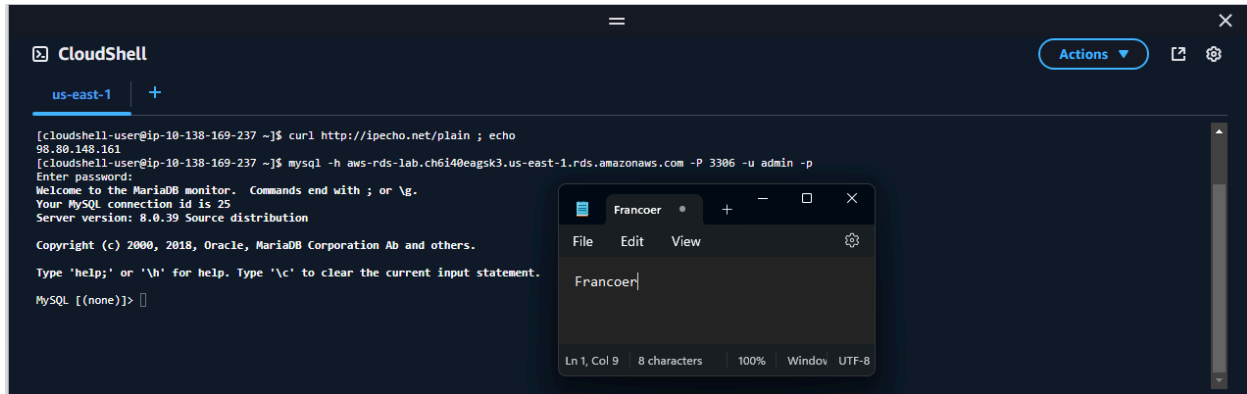
Launch a guided experience using Database Migration to move workloads from on-premises or other cloud providers. Continuous replication minimizes downtime.

Insights and recommendations

Understand and resolve performance issues with pre-built dashboards, visual query plans, and robust database metrics. Receive tips to reduce cost and improve performance and security

RDS 03.2.15

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



```
[cloudshell-user@ip-10-138-169-237 ~]$ curl http://ipecho.net/plain ; echo
98.89.148.161
[cloudshell-user@ip-10-138-169-237 ~]$ mysql -h aws-rds-lab.ch6i40eagsk3.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 25
Server version: 8.0.39 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)]>
```

Sqlite3 03.3.4

Guestbook

Sign [here](#)

Entries

Erick Franco <francoer@pdx.edu>
signed on 2025-01-25
python/flask MVP sqlite3 #1

Erick Franco <francoer@pdx.edu>
signed on 2025-01-25
python/flask MVP sqlite3 #2

Sqlite3 03.3.5

```
(env) francoer@cloudshell:~/cloud-franco-francoer/hw2/cs430-src/02_mvp_modules_s
SQLite version 3.45.1 2024-01-30 16:01:20
Enter ".help" for usage hints.
sqlite> .tables
guestbook
sqlite> .schema guestbook
CREATE TABLE guestbook (name text, email text, signed_on date, message text);
sqlite> select * from guestbook
...> ;
Erick Franco|francoer@pdx.edu|2025-01-25|python/flask MVP  sqlite3 #1
Erick Franco|francoer@pdx.edu|2025-01-25|python/flask MVP  sqlite3 #2
sqlite> select * from guestbook;
Erick Franco|francoer@pdx.edu|2025-01-25|python/flask MVP  sqlite3 #1
Erick Franco|francoer@pdx.edu|2025-01-25|python/flask MVP  sqlite3 #2
sqlite> █
```