Lab notebook Week 3

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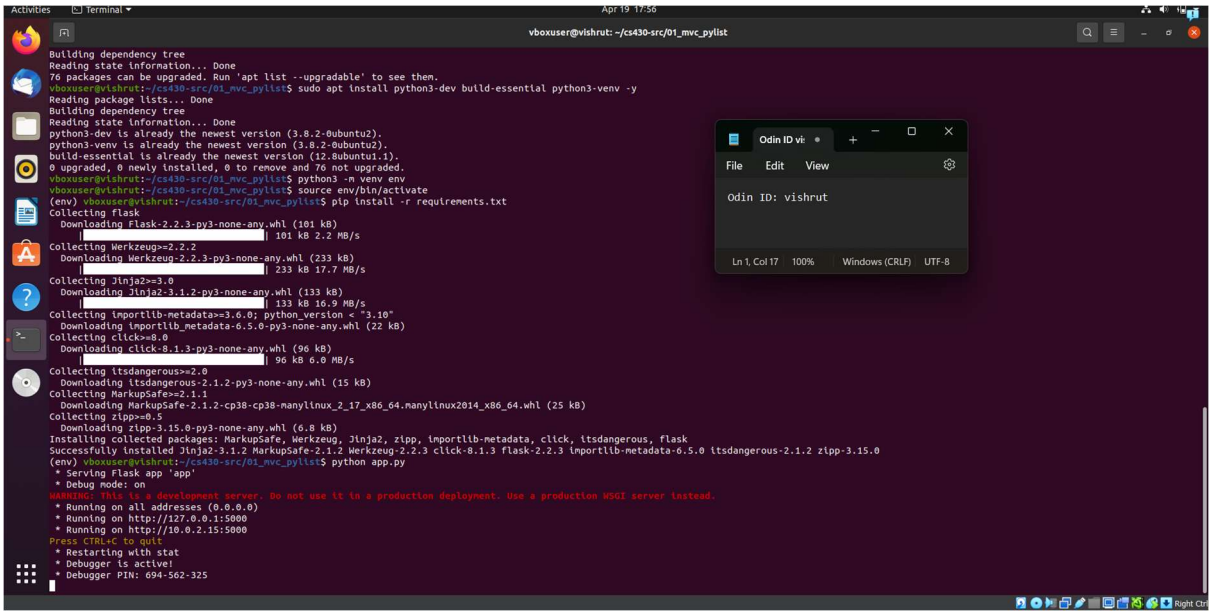
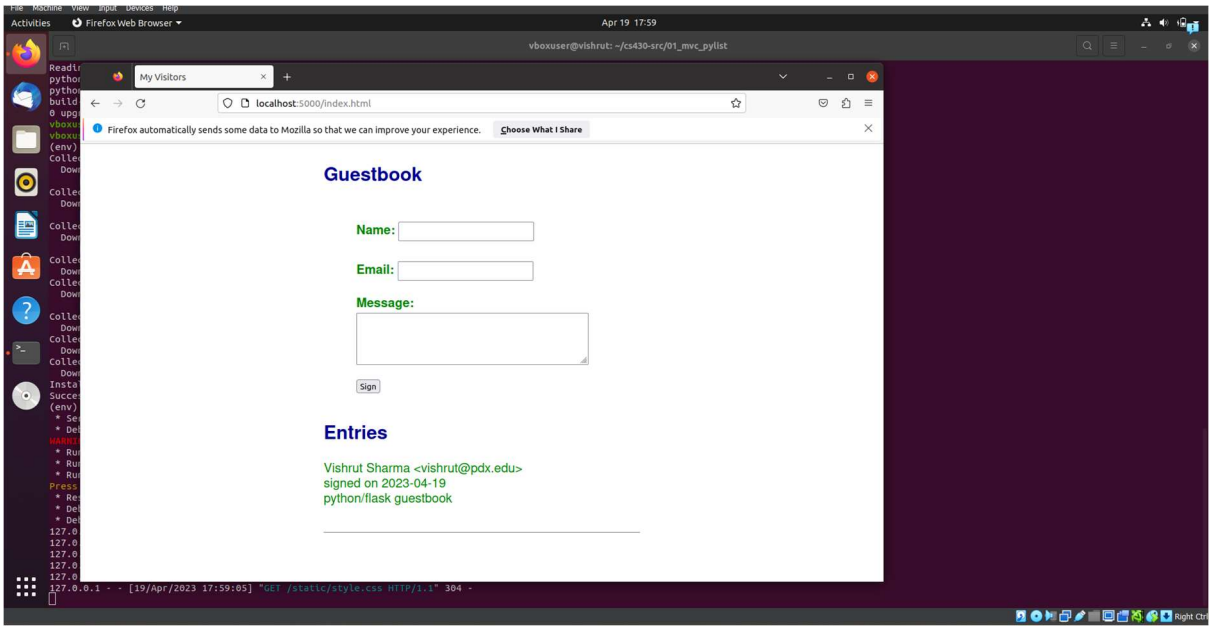
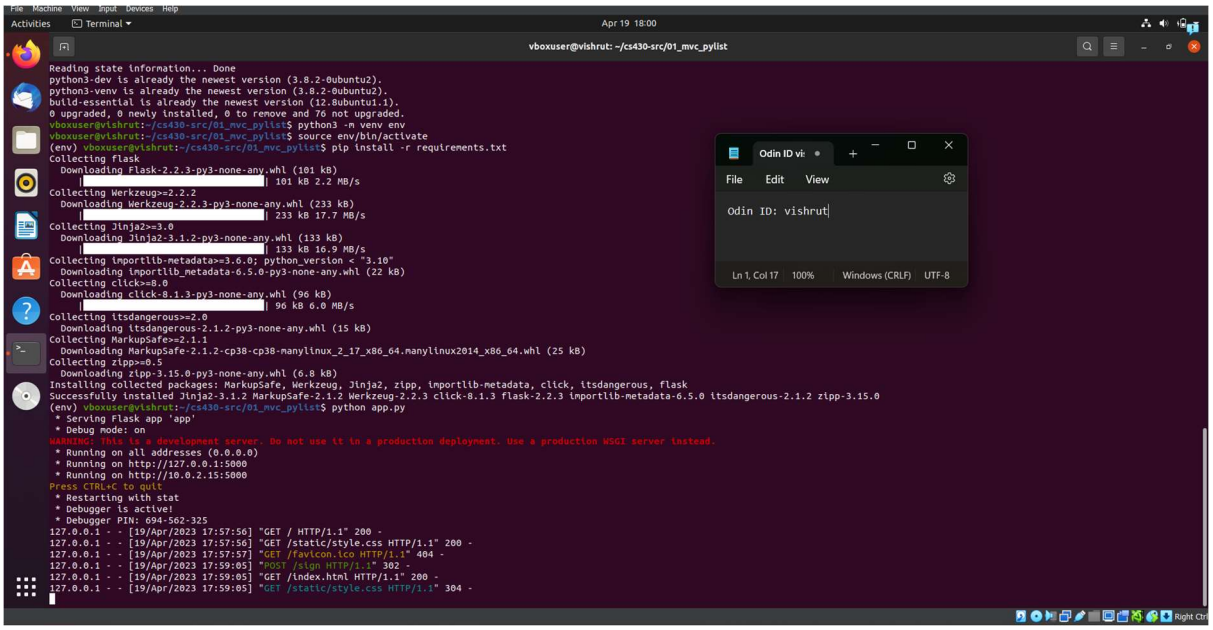
03.1: Python Flask Guestbook

5. Running the code

The 3 screenshots below show the results of running app.py that was provided..

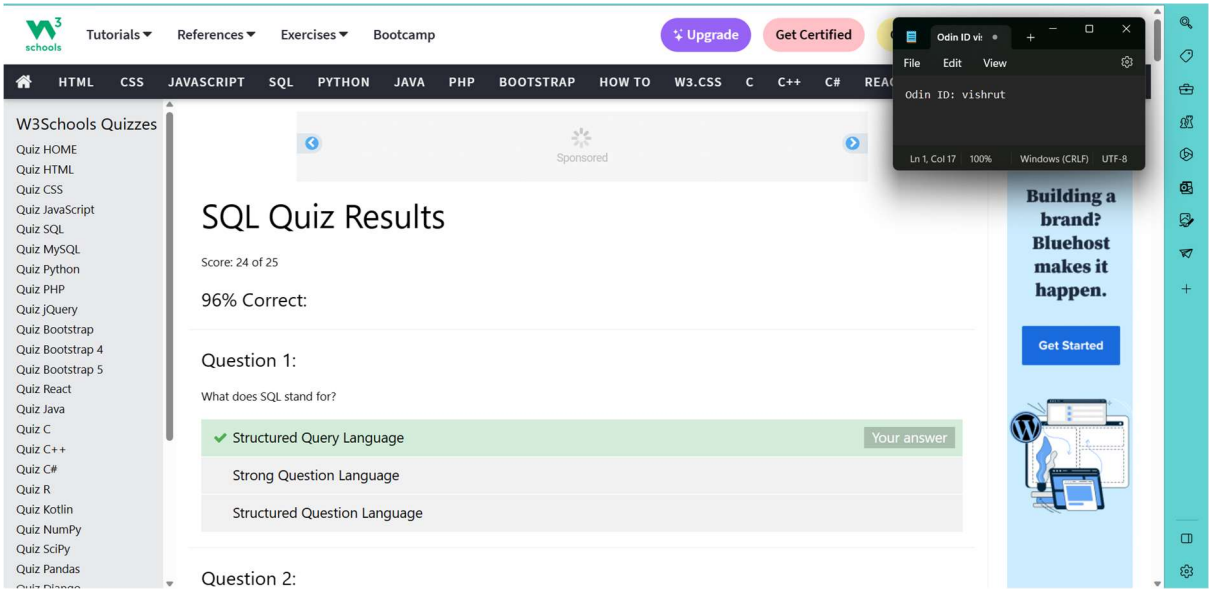






03.2ag: SQL

2. SQL quiz



3. GCP Cloud SQL

1)The names of the tables that are created are: Accommodation, Rating, Recommendation

2) The primary keys of each table are as follows:
Accommodation->ID
Rating->accoID, userID
Recommendation-> userId, accoId

3) The data held by Accommodation is: ID, title, location, price, rooms, rating, type

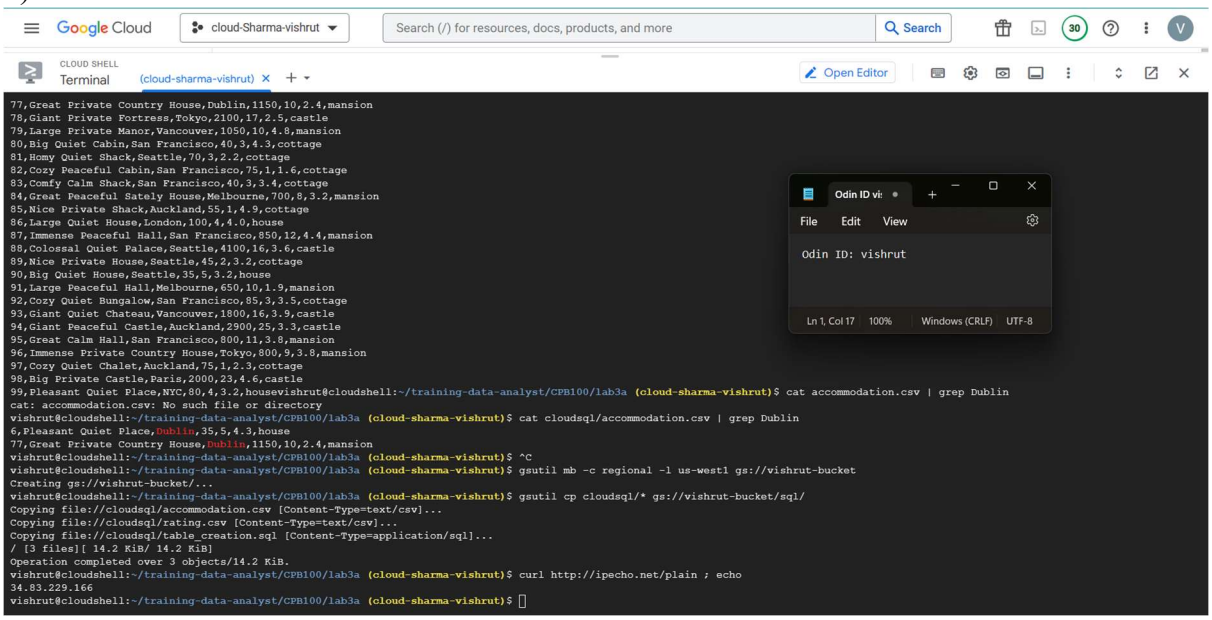
4) The accommodations in Dublin are:

a) Pleasant Quiet Place, Dublin
b) Great Private Country House, Dublin

5) The table below lists the attributes and their values for each accommodation in Dublin.

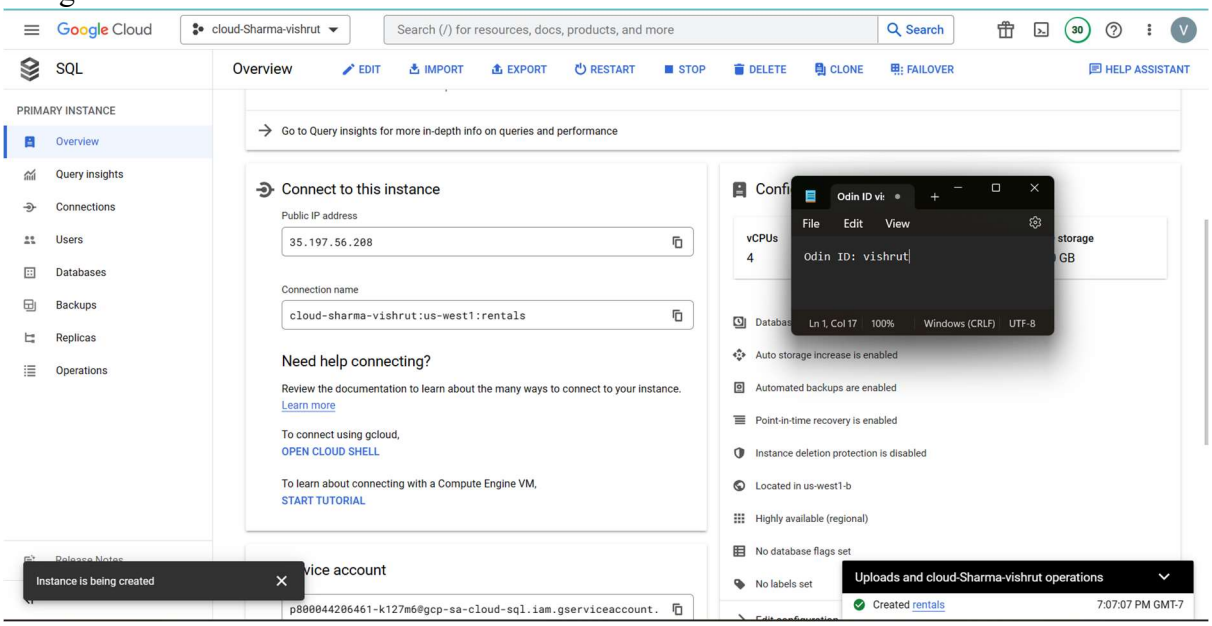
ID	Title	Location	Price	Rooms	Rating	Type
6	Pleasant Quiet Place	Dublin	35	5	4.3	House
77	Great Private Country House	Dublin	1150	10	2.4	Mansion

6) The screenshot below shows the IP address of the Cloud Shell session.



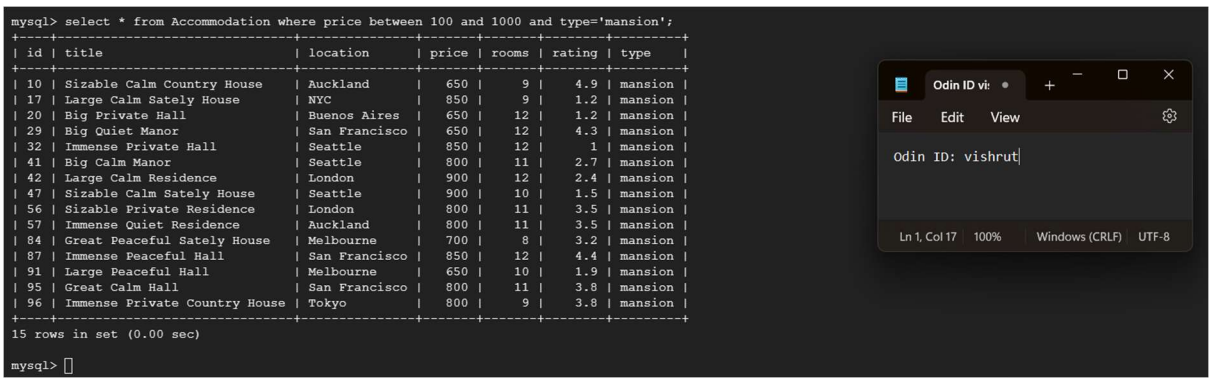
4. Cloud SQL instance creation

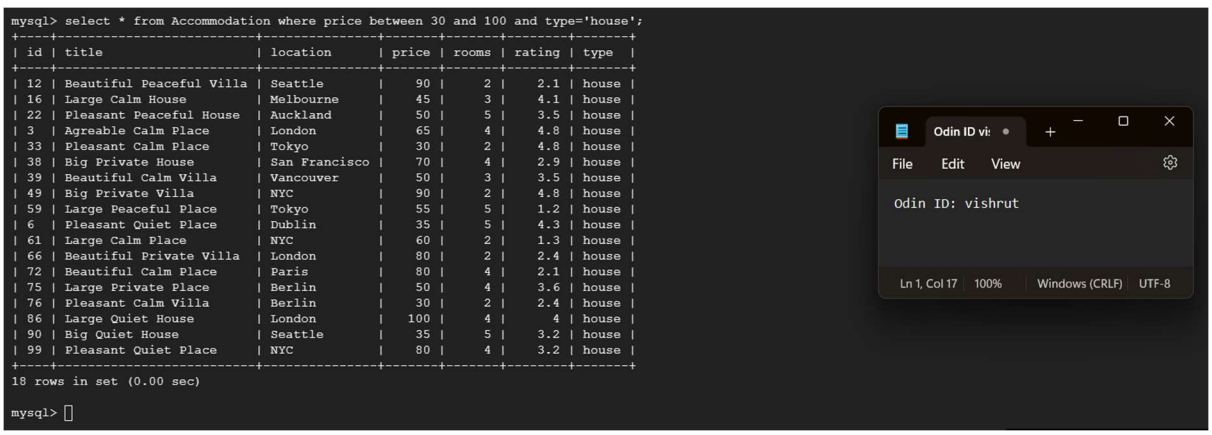
The screenshot below shows the External IP address after creating a cloud SQL instance in Google Cloud.



7. Cloud SQL from Cloud Shell

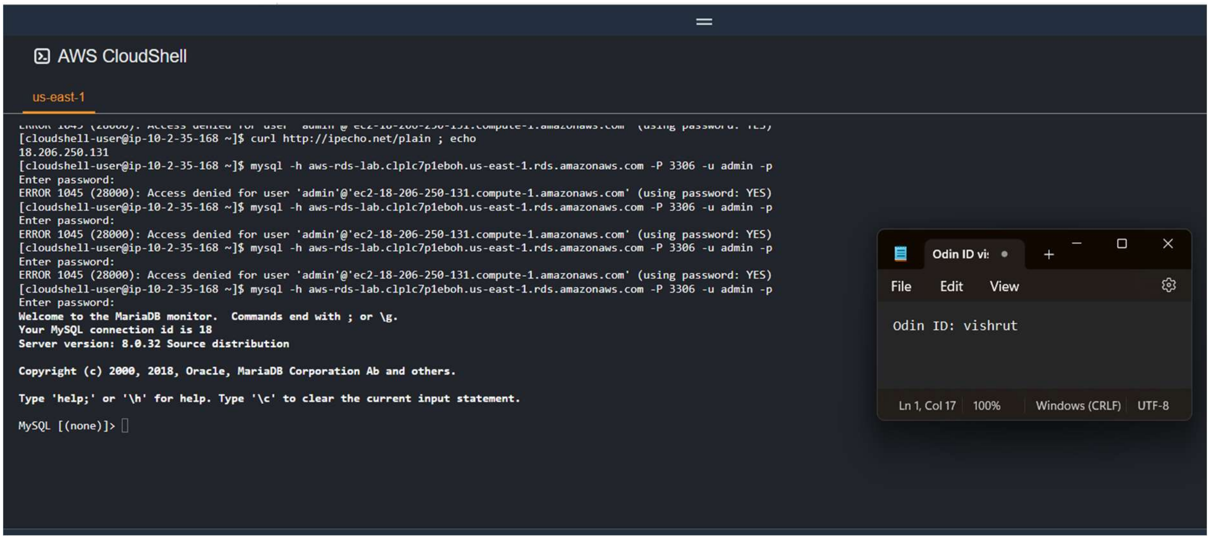
The 2 screenshots below show the results of running the queries for accommodations at two price ranges and two types.





14. RDS test instance

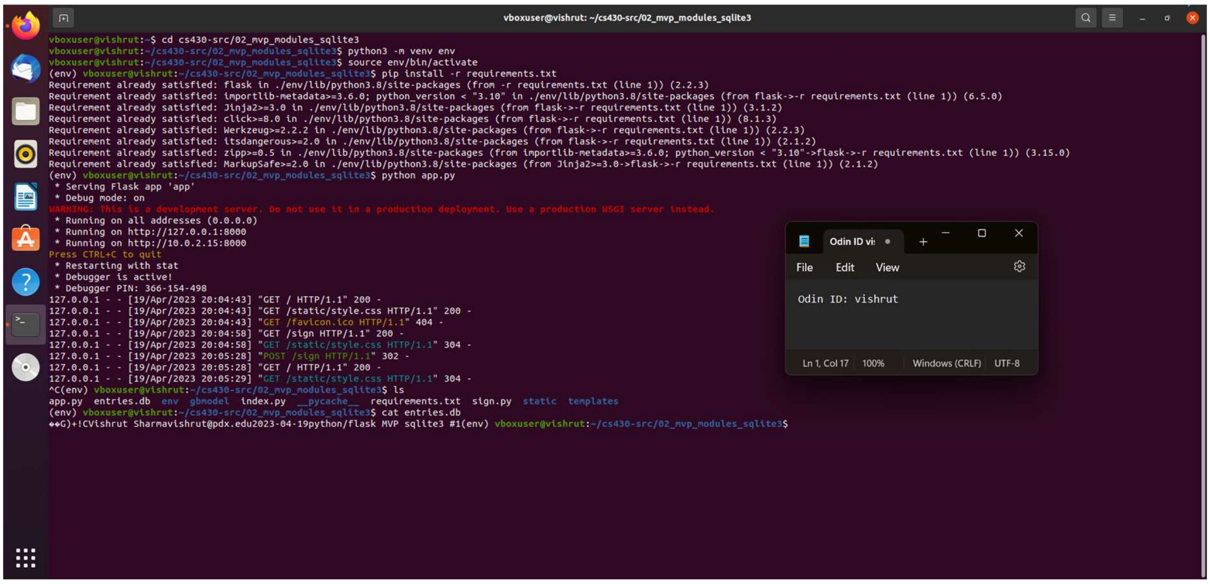
The screenshot below shows the successful connection to the MySQL instance in AWS.

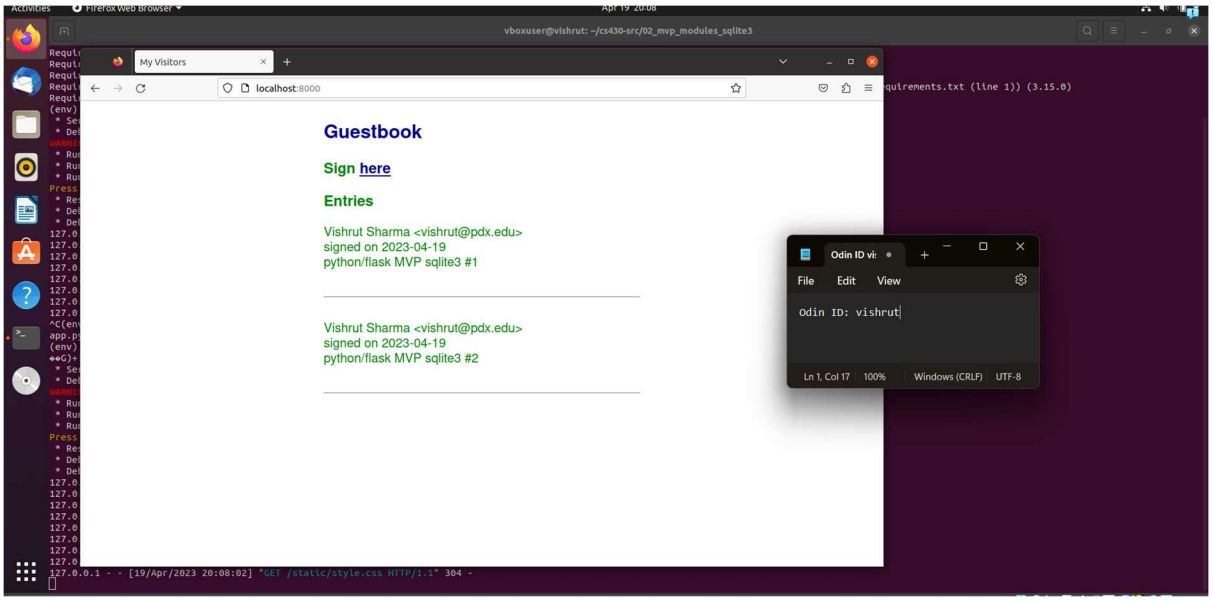


03.3: sqlite3 Guestbook

5. sqlite3 database

The 2 screenshots below show the results of running app.py provided. The 3rd screenshot shows the results of running the commands asked.





The screenshot below shows the results of the commands asked to be run.