Assignment

Let's make a database for powering Uber (ride sharing app).

We have **drivers** with the following information:

- Name

- Location (city name)

- Status (booked / free)

# Challenge 1

Create a SQLite database with the driver table. Add the following data:

| **name** | **location** | **status** |
| --- | --- | --- |
| andrew | munich | free |
| sophie | berlin | booked |
| zayn | munich | booked |
| clara | munich | free |
| william | berlin | free |

# Challenge 2

Write queries for the following operations:

* Find a free uber in Munich
* Book an uber
* Add a new driver in Berlin
* Remove a driver from Berlin

# Challenge 3

After the rides, users give every driver a rating. Think of how to store this information in the database. Try to run queries for adding a new rating and finding the average rating for every driver.