**Databases**

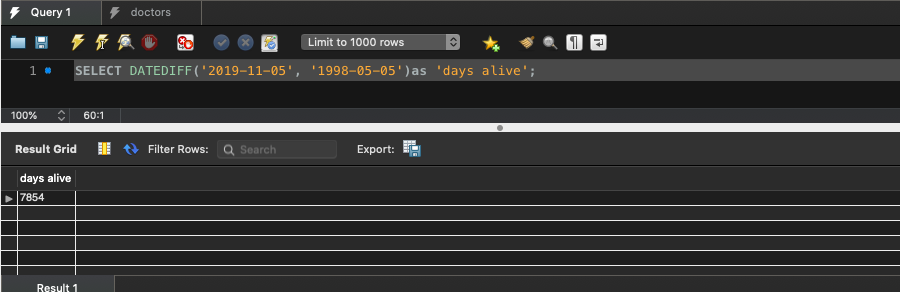
**SQL Assignment – 1**

**Ashutosh Mishra(A00268734)**

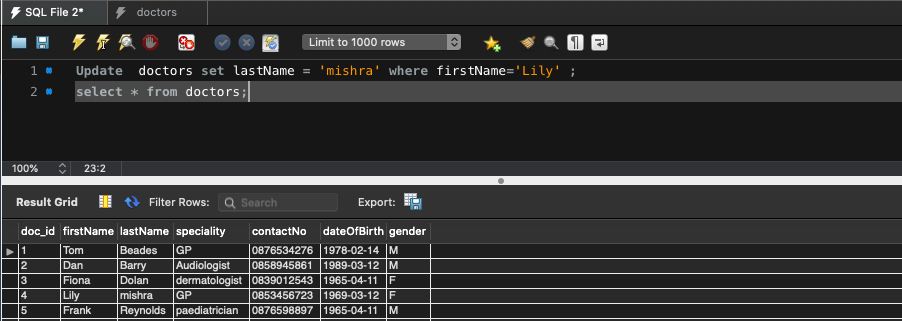
**You must submit a word document via Moodle. Your word document must contain snapshots of the console or MySQL workbench showing the SQL query and result set.**

**Note**: You should use the doctor script to set up the tables

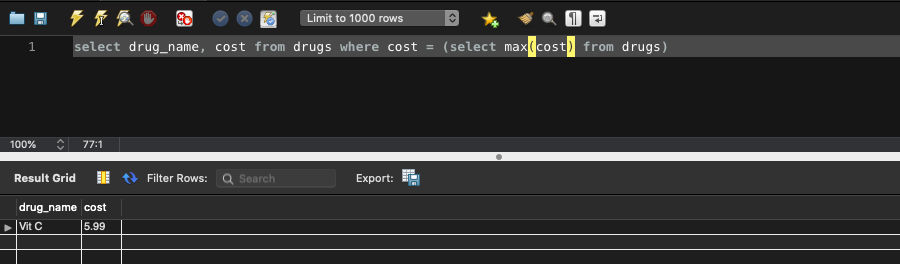
1. Write an SQL query to show how many days you have been alive (This query is not related to theDocs database and should be calculated using datediff function)



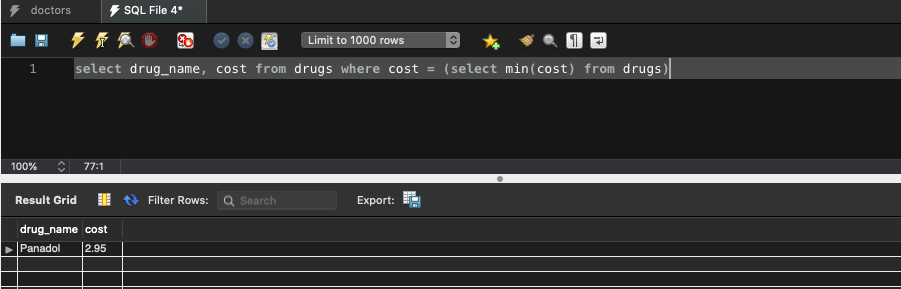
1. Update Doctor Lily Burke’s lastName to a lastName of your choice



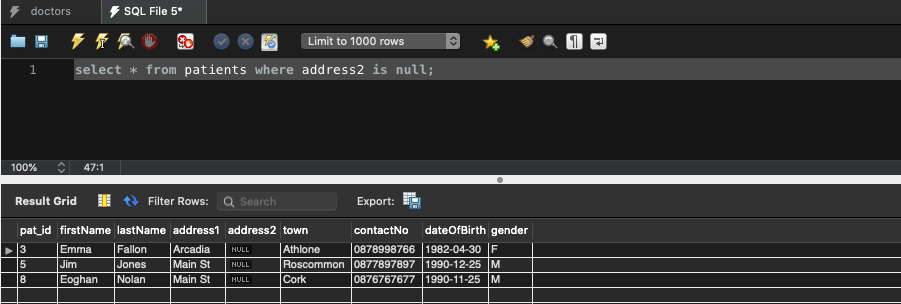
1. What is the name and price of the most expensive drug in the drugs table?



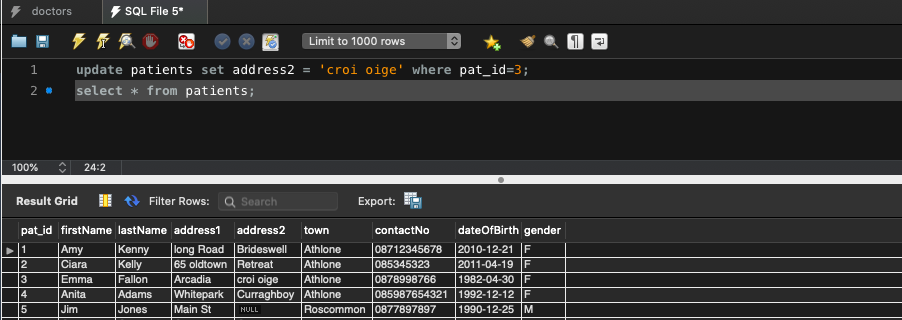
1. What is the name of the least expensive drug in the drugs table?



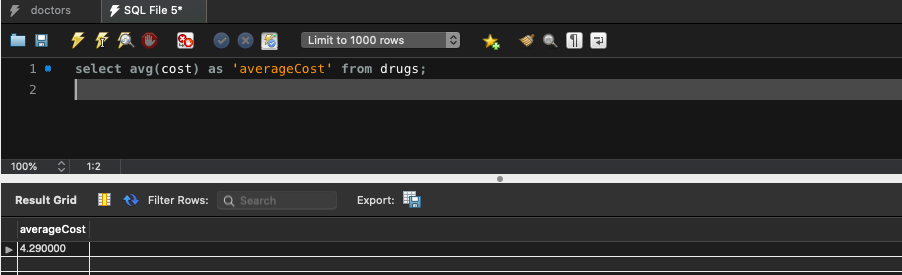
1. Select the patients who have no address2 details stored in thedoc patients table.



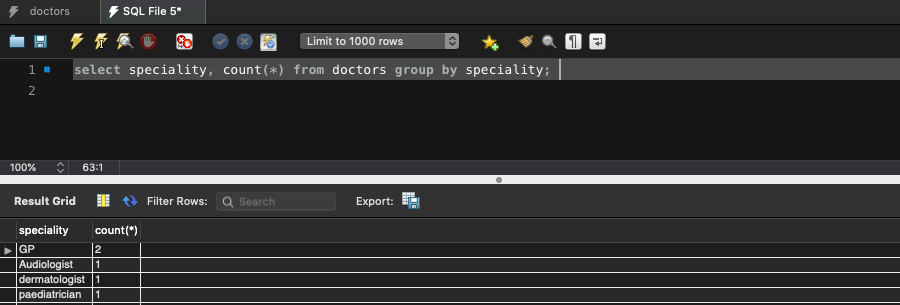
1. Choose 1 of these patients and update their details to store an address2 (Pick any town of your choice) in thedoc patients table. (You must show the command – i.e. don’t edit the field directly in MySQL workbench)

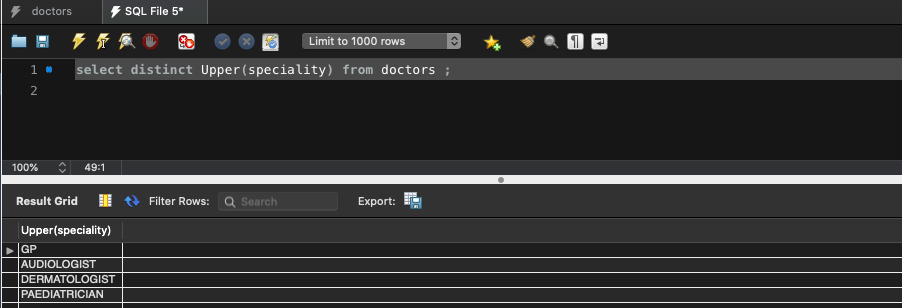


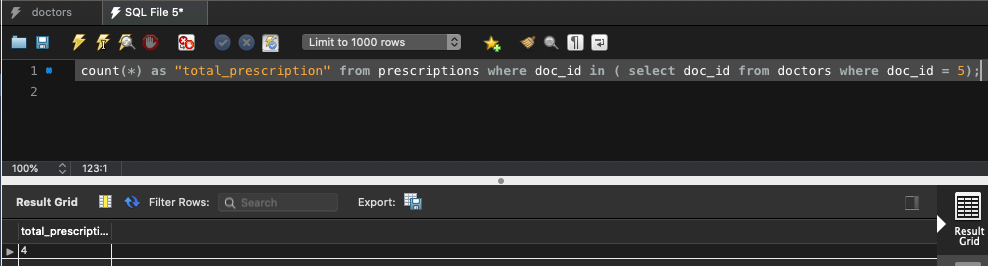
1. What is the average cost of a drug in the drugs table?



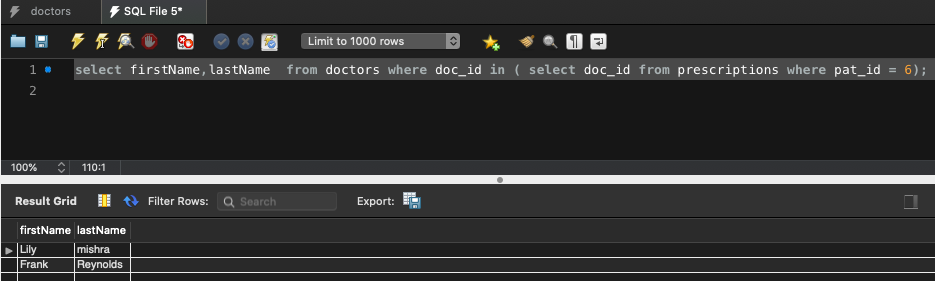
1. Count the different specialties of thedoc surgery.



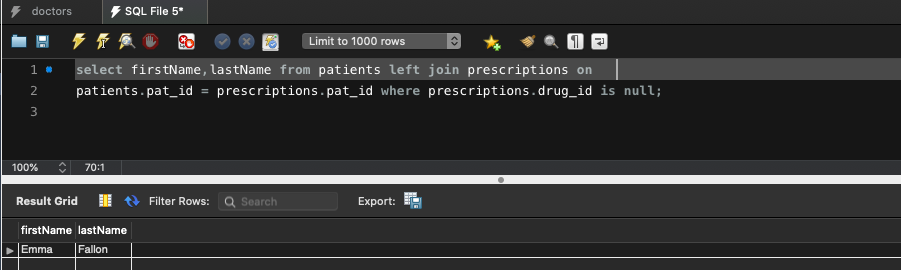
1. List the different specialities of thedoc surgery displaying the specialities in UPPERCASE letters.
2. How many prescriptions did the paediatrician write?



1. What are the names of the doctors who wrote the prescriptions for patient 6?

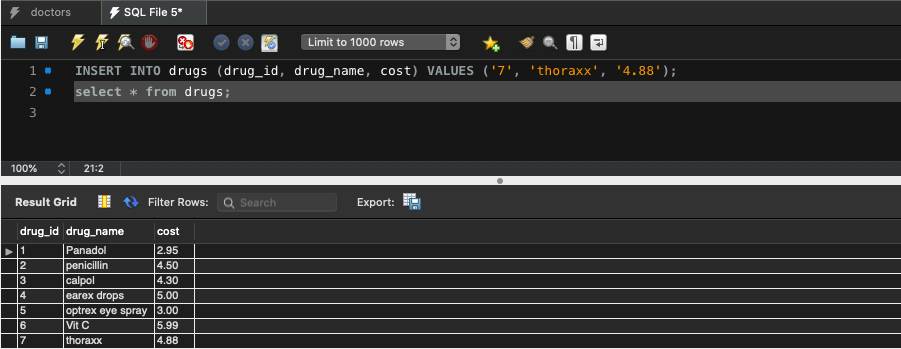


1. List the firstName, lastName of all the patients who had **no** prescription written for them.

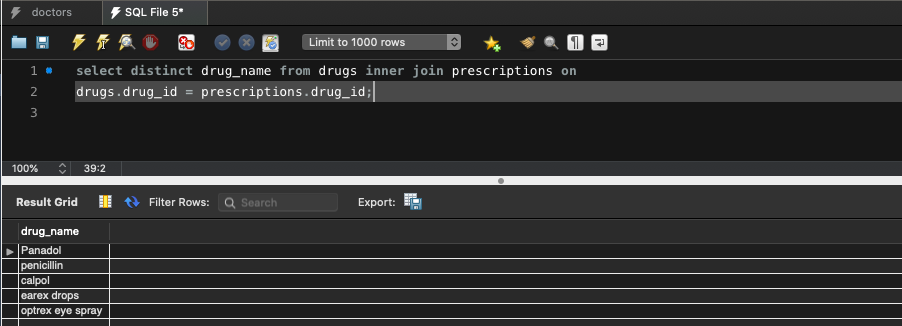


1. Insert any drug of your choice into the drugs table

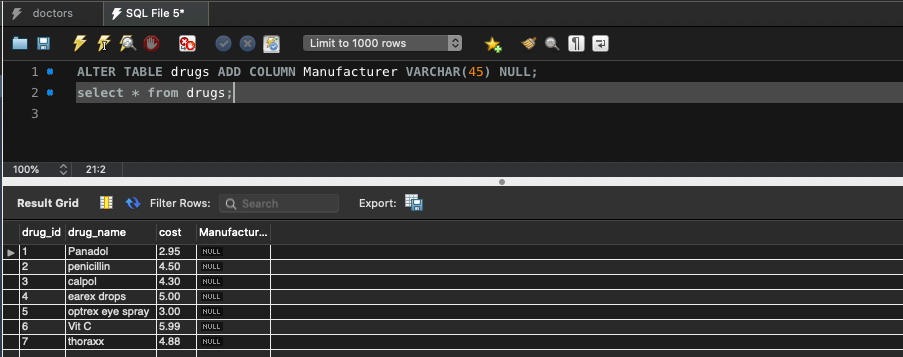
List all the drugs in the drugs table – verifying your drug was added.



1. Now list all drugs that have been prescribed by the Doctors – your drug should not appear in the list



1. Add an attribute “Manufacturer” to the drugs tables.



1. Update the drugs tables to record the manufacturer of Panadol and Calpol as GlaxoSmithKline.

