MySql introduction

In order to test whether or not mysql is installed on our system, we can type in the terminal ***mysql*** (will display mysql version + other details)

Hit ***ctr+c*** to exit mysql mode

Type ***mysql -u root -p*** (to log in mysql as root user with password)

In order to see all the databases:

Once logged in, type ***show databases;*** (to show the existing databases)

Create a new database:

Run ***create database database\_name;***

Open (and work with) a database:

Run ***use database\_name;***

See all tables:

Run ***show tables;***

Create a table (creates an expenses table with an id – integer, primary key and auto-increment, type, description and value columns which cannot be empty):

Run ***create table expenses\_table (id integer PRIMARY KEY AUTO\_INCREMENT type text NOT NULL, description text NOT NULL, value int NOT NULL);***

Show the table columns in terminal:

Run ***describe table\_name;***

Delete a table:

Run ***drop table table\_name;***

Show the table and its entries in the terminal:

Run ***select \* from table\_name;***

\*mysql clients: Navicat, Sequelpro, phpmyadmin, etc…