

Exercise: Python and sql: TODO (This is under construction)

You have to use world database in this exercise. You can get instructions how to install it at <https://dev.mysql.com/doc/world-setup/en/>. **16p**

1. Implement a console application which has the following options for user to choose. (You get two points from each feature)
 - a. Show all the countries, continent and independent year (only countries table needed)
 - b. Show all cities whose Population is more than 1 million. Order the results to descending order
 - c. Ask user which country's cities he want to see. Show all cities only from this country
 - d. Ask user which Continent's Life Expectancy he is interested in and show the result to user
 - e. Ask the country name and show how many different languages are spoken this specific country
 - f. Ask user city name, country, district and population and add it to cities table. Note that you ask country name, not country code. You need to fetch corresponding country code with sql query before insert.
 - g. Updating city population. Ask user which city he wants to update and new population
 - h. Delete a city by asking the name of the city from the user