SQL Exercises for World and Chinook Databases

# World Database

## Easy:

1. Find the names of all the countries in the database.

2. List all the cities in the city table from the country 'USA'.

3. Retrieve the population and life expectancy for all countries in descending order of life expectancy.

## Intermediate:

4. Find the total population of all countries in the region 'Eastern Europe'.

5. List all cities with a population greater than 1 million, sorted by population in descending order.

6. Find the names of all countries where the official language is 'Spanish'.

## Hard:

7. List the top 5 most populated cities in each continent.

8. Find the country with the highest life expectancy in each region.

9. Calculate the average population of countries where more than 50% of the people speak an official language.

# Chinook Database

## Easy:

1. List all the tracks from the album 'Let There Be Rock'.

2. Find the name and email of all customers.

3. Retrieve the names of all playlists in the database.

## Intermediate:

4. List the names of all artists who have albums in the database.

5. Find the number of tracks in each playlist.

6. Find all employees who report to 'Andrew Adams'.

## Hard:

7. Find the top 5 best-selling tracks based on total invoice amount.

8. Find the artist with the most albums in the database.

9. Find the total revenue generated by each genre.