I imported the world db scriptA screenshot of a computer

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And then ran executed the script.

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The world database schema was then built

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## Task 1

Using the count function, I need to find out how many cities there are in the USA. I counted all the rows in the city table where the country code was from the USA.

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There are 274 cities in the USA.

## Task 2

In this task I need to find out what the population and average life expectancy for people in Argentina. I do not need any other information, so I typed in the following. A screenshot of a computer

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Thee population for Argentina is 37032000 and the average life expectancy is 75.1.

## Task 3

In this task, I need to find out what country has the highest life expectancy, using order by and limit expressions, so I entered the following script to find out the top 5 as a limit.

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According to the results, Andorra has the highest life expectancy.

## Task 4

My fourth task is to select 25 cities around the world that begin with the letter “F” in a single SQL Query.

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The query is asking for 25 cities where the name begins with “F” the % sign is asking for anything that comes after F.

## Task 5

In this task I need to create an SQL statement to display only columns of ID, Name and population from the City Table, and to limit it to the first 10 rows only. A screenshot of a computer

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## Task 6

In this task I want to find only those cities from the city table whose population is larger than 2,000,000.

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## Task 7

This task is quite similar to task 4, I need to create a statement to find all city names from the city table whose name begins with “Be” prefix. I entered the following.

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## Task 8

I need to create a statement to find only those cities from the city table whose population is between 500,000-1,000,000.

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The solution is similar to task 6, but there is an added condition to the search parameter.

## Task 9

In this task I need to find a city with the lowest population in the city table.

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This query will return the name and population of the city with the lowest population in the table. Which is Adamstown with a population of 42 people.

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The Primary Key for the Country table is Code. The Primary Key for the Country Language is Country Code, the foreign key would be Language.

The primary key for the City Table is Country Code, the foreign key is Name.