From the world table, answer the following questions. Include a screenshot of your results that includes your SQL code, your output table, and the number of rows returned.

1. From the country table how many records have do not have a listed life expectancy? That is, how many records have a life expectancy of null?

2. Give me a list of all the countries that do not have a head of country listed (give me all the columns)

3. Give me a list of all the countries whose GNP has shrunk (that is, where GNP is less than GNPOld)

4. Give me the name, continent, and government form of every country that lists some kind of republic as its government form (HINT, use LIKE or REGEXP)

5. How many countries speak English (as either an official language or not)?

6. How many countries speak English as an official language when English counts for less than 25 percent of the population?

7. Give me a count of the number of **unique** regions from the country table (the output should be a single column and a single row with the value of 25). Save the name of the column as 'unique_regions'

8. Find the average life expectancy of every region (this should be 25 rows with one average per row (HINT, use group by))

9. I am not sure if there is a relation between population density and life expectancy or if I know how to calculate that, but I want to find out. I want you to perform some calculations for me and I will see if the resulting numbers make sense. My goal is to see if there is a relation between population density and life expectancy. The formulas for this will be
    a. density = population / surfaceArea
    b. coefficientOfRelation = density / lifeExpectancy
    c. Write an SQL statement that retrieves the data that I am asking for; I will interpret the data myself.
    d. I want three columns of output: the name of each country, the density you calculated, and the coefficientOfRelation that you calculated. I also want this final column (the coefficientOfRelation) to be renamed to 'answer'.