Naresh Kalluri (10755799)
Intro to Data Science (CSC 346 D01 Spring 2022).
Assignment – 3 (Project 3).
Date: 3-1-2022.

GitHub Repository: https://github.com/nk755799/IDS

Project 3

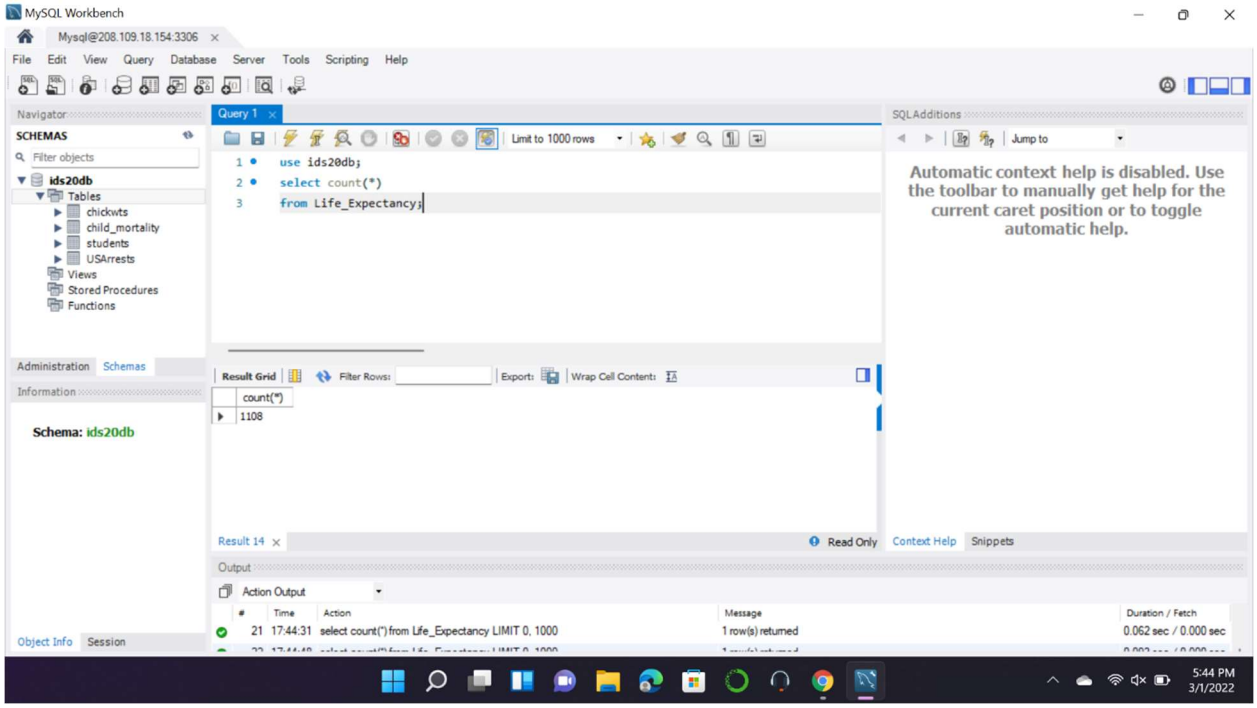
MySQL:

Purpose of the project:

Life Expectancy: Statistical Analysis on Factors Influencing Life Expectancy

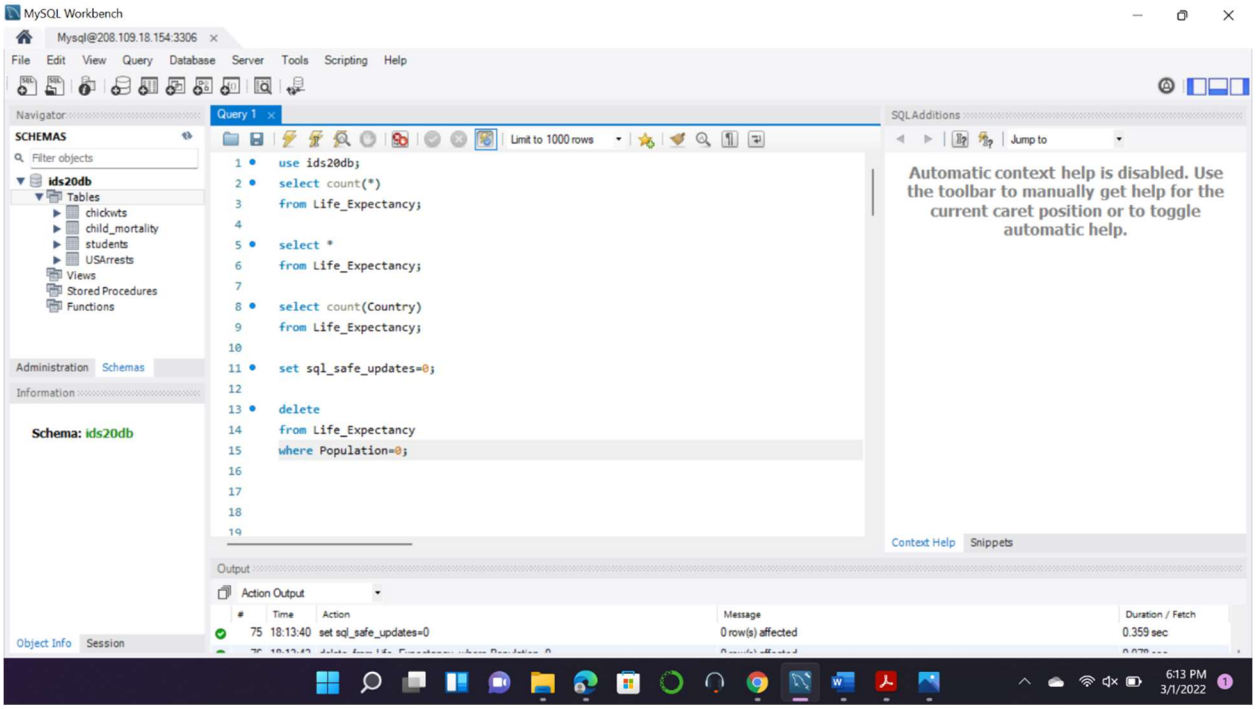
Operations:

Imported the Life_Expectancy file from the Professor GitHub repository and uploaded it to my MySQL Database.

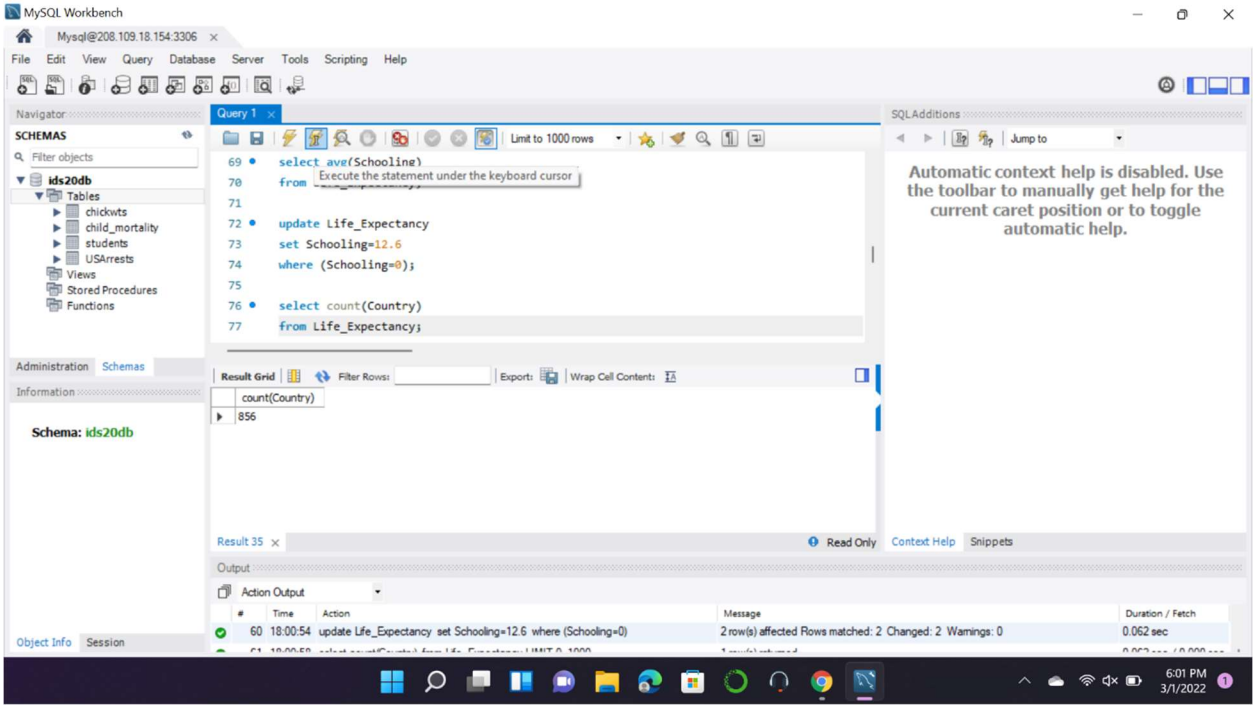


Delete all rows with population = 0. Perform further data cleaning for other attributes, as necessary.

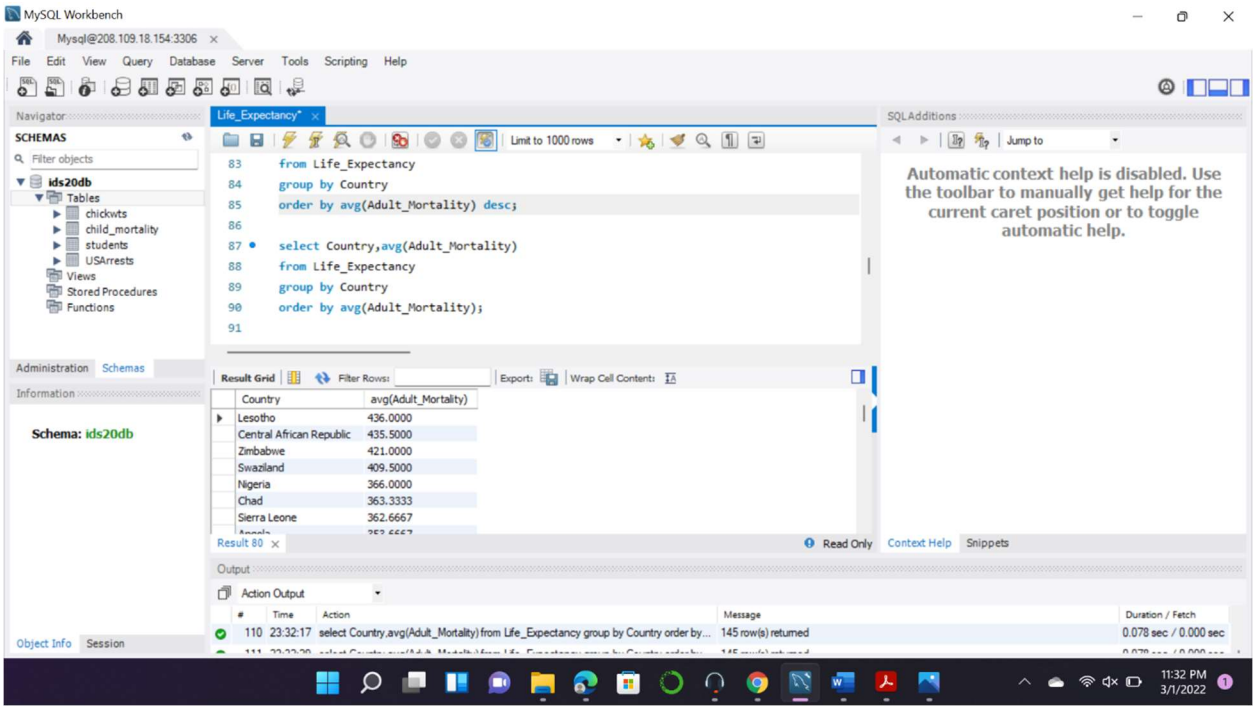
Answer: Deleted all rows where the population = 0

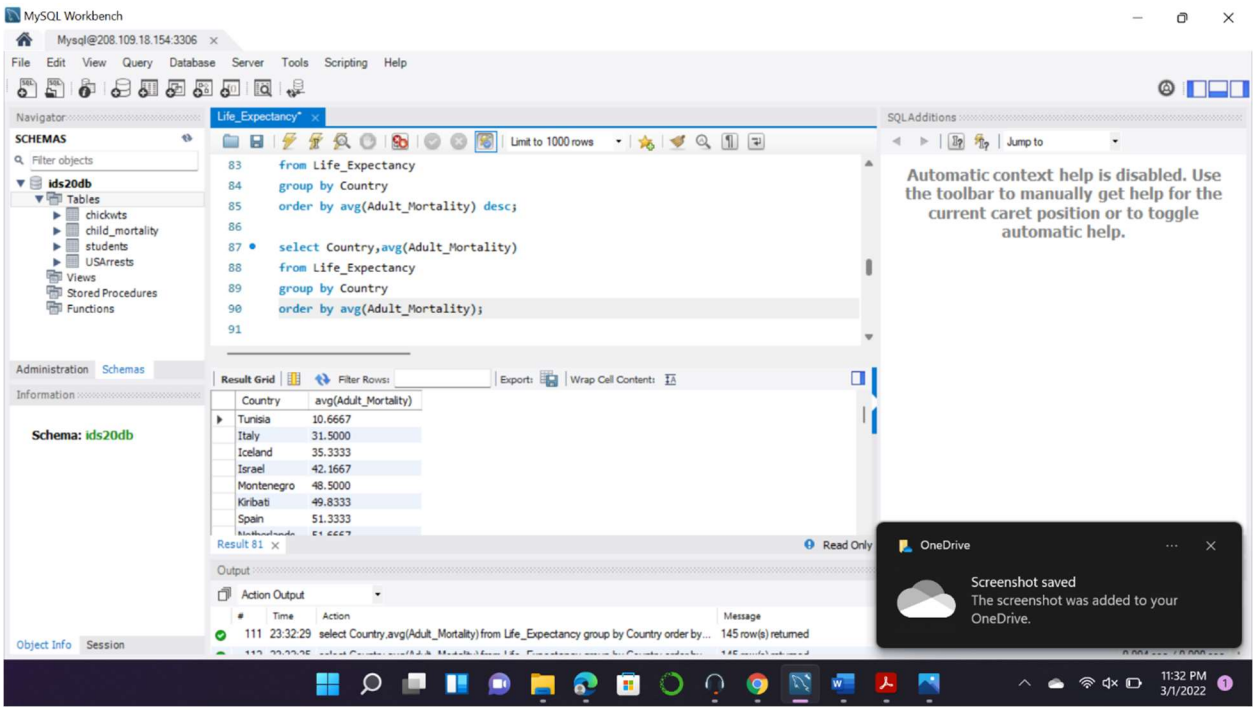


Display total count of countries after data cleaning.

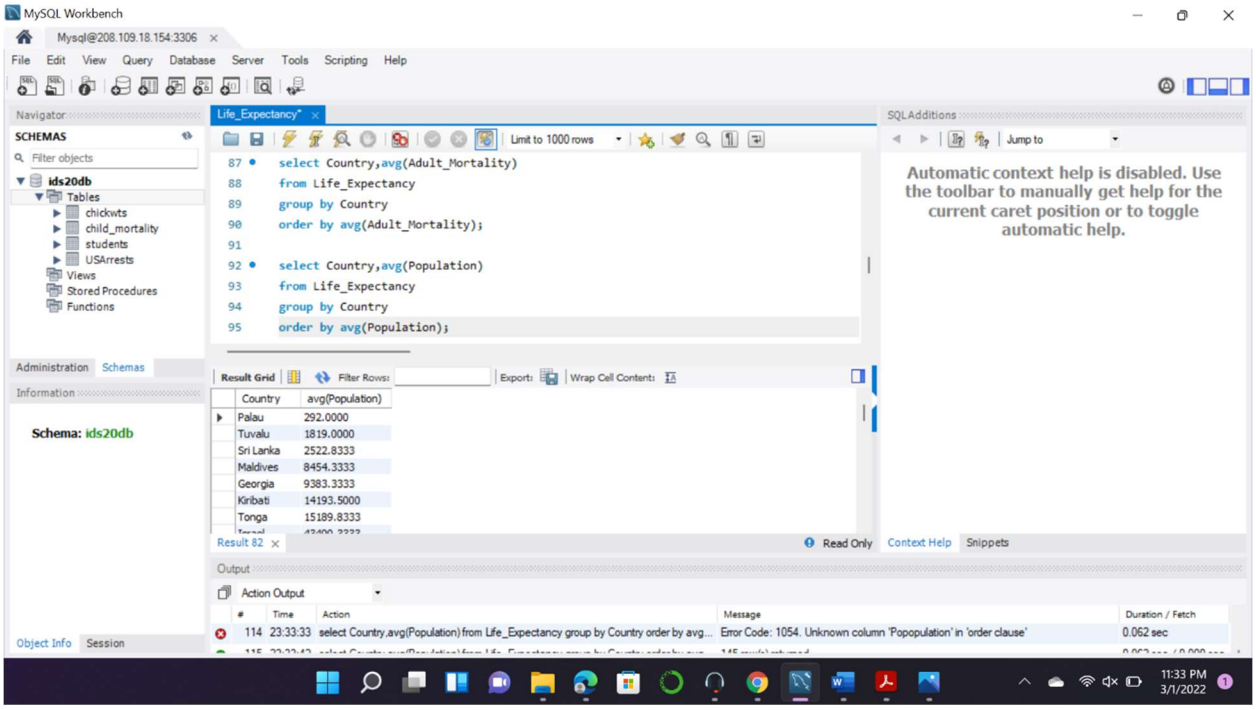


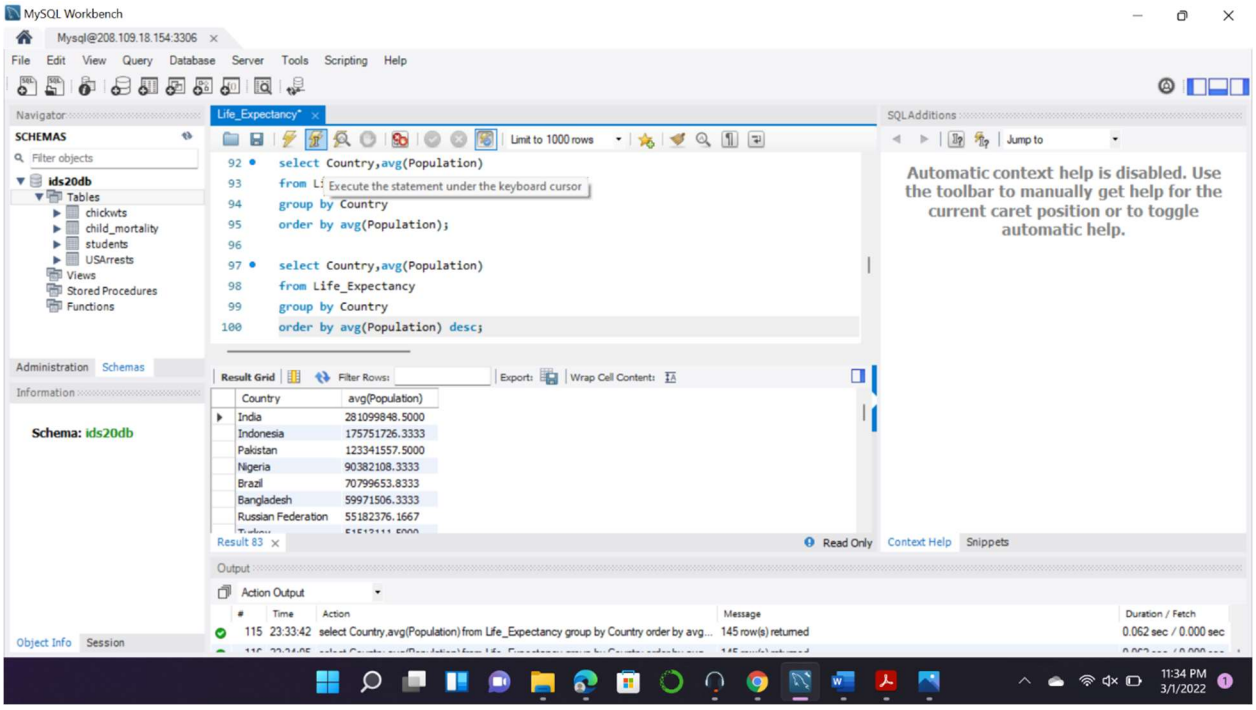
List of countries with the highest and lowest average mortality rates (years 2010-2015).



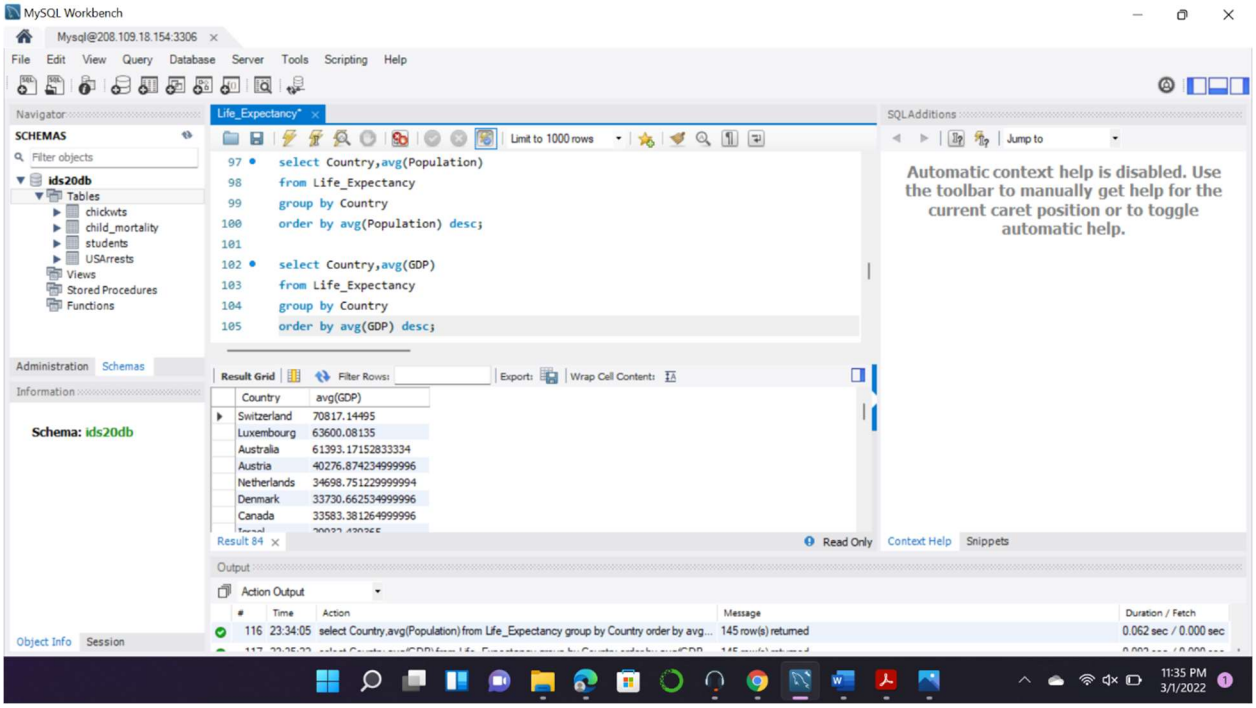


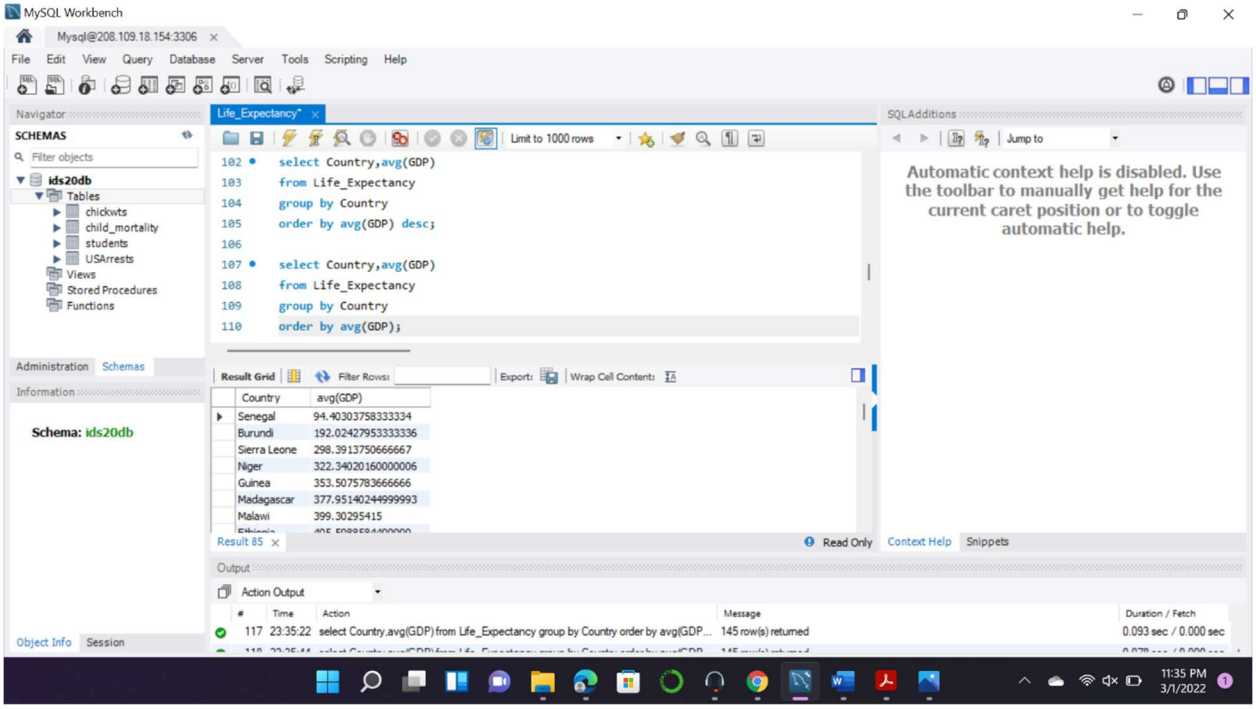
List of countries with the highest and lowest average population (years 2010-2015).



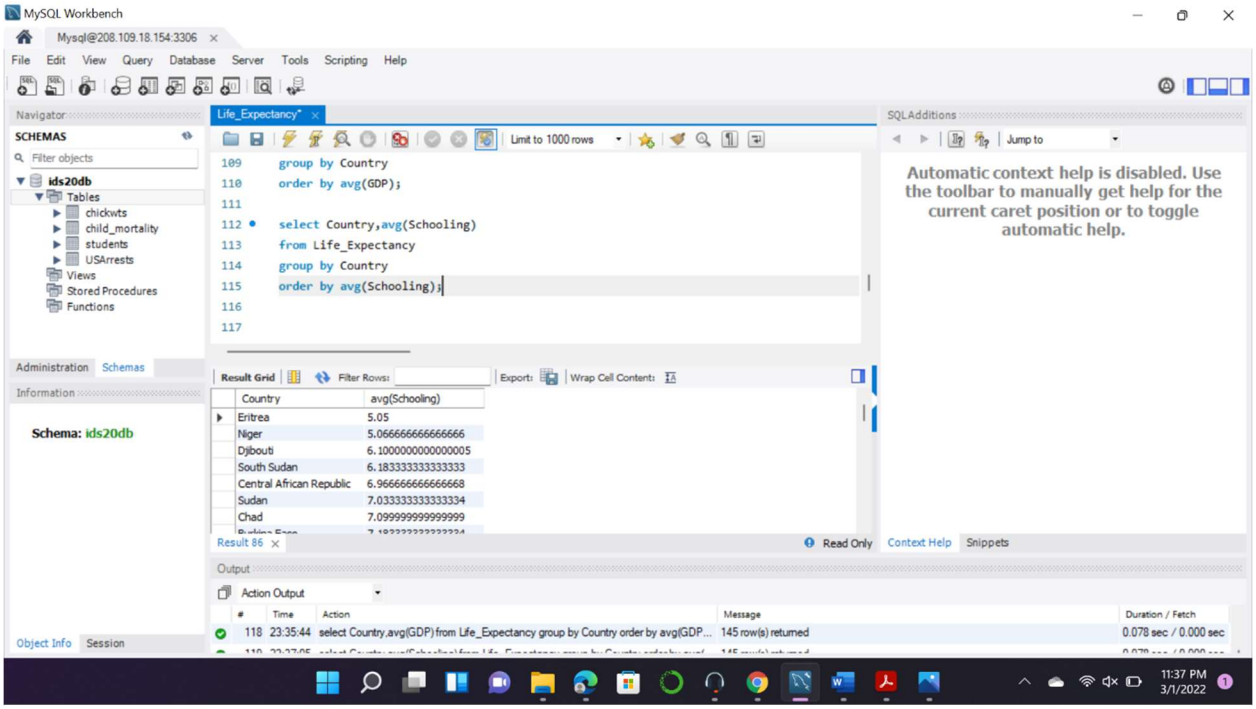


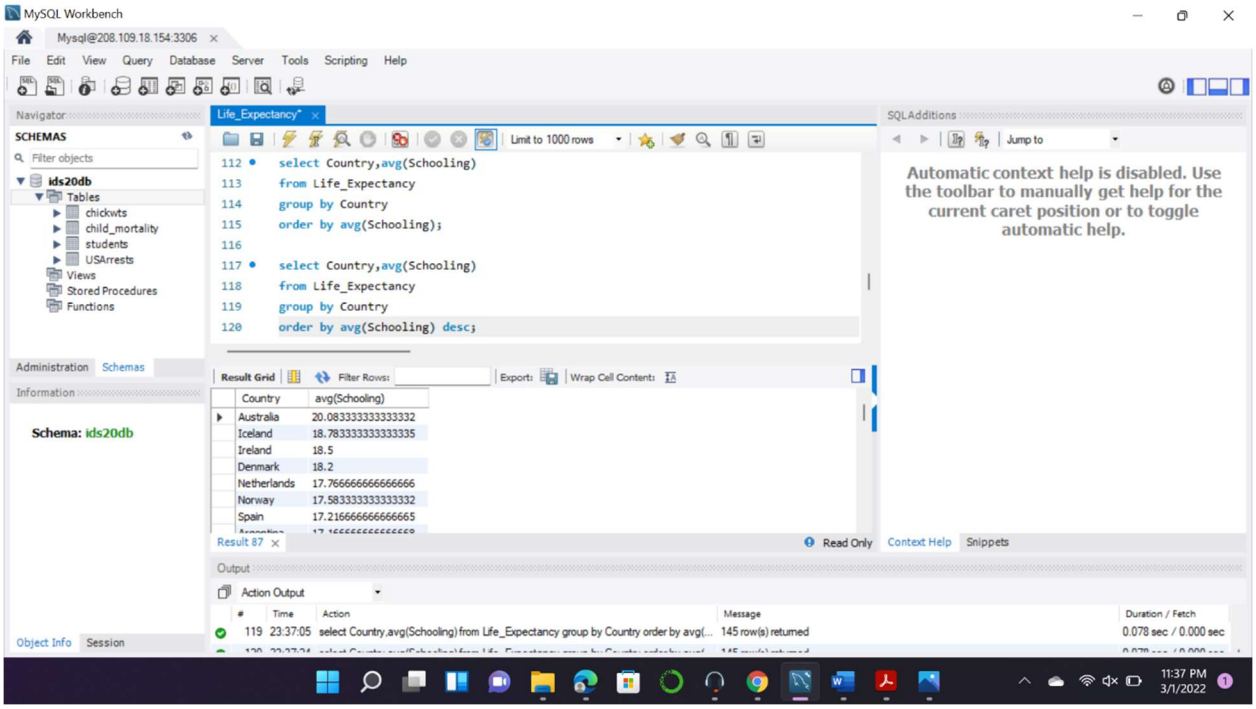
List of countries with the highest and lowest average GDP (years 2010-2015).



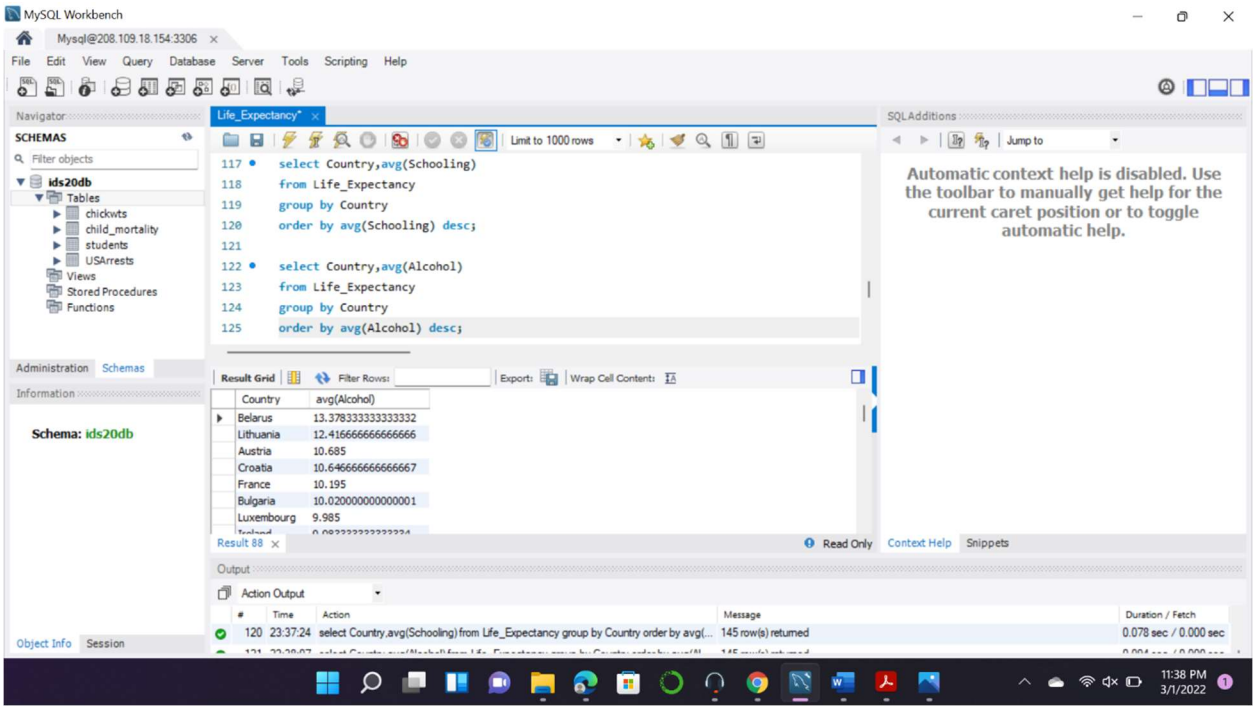


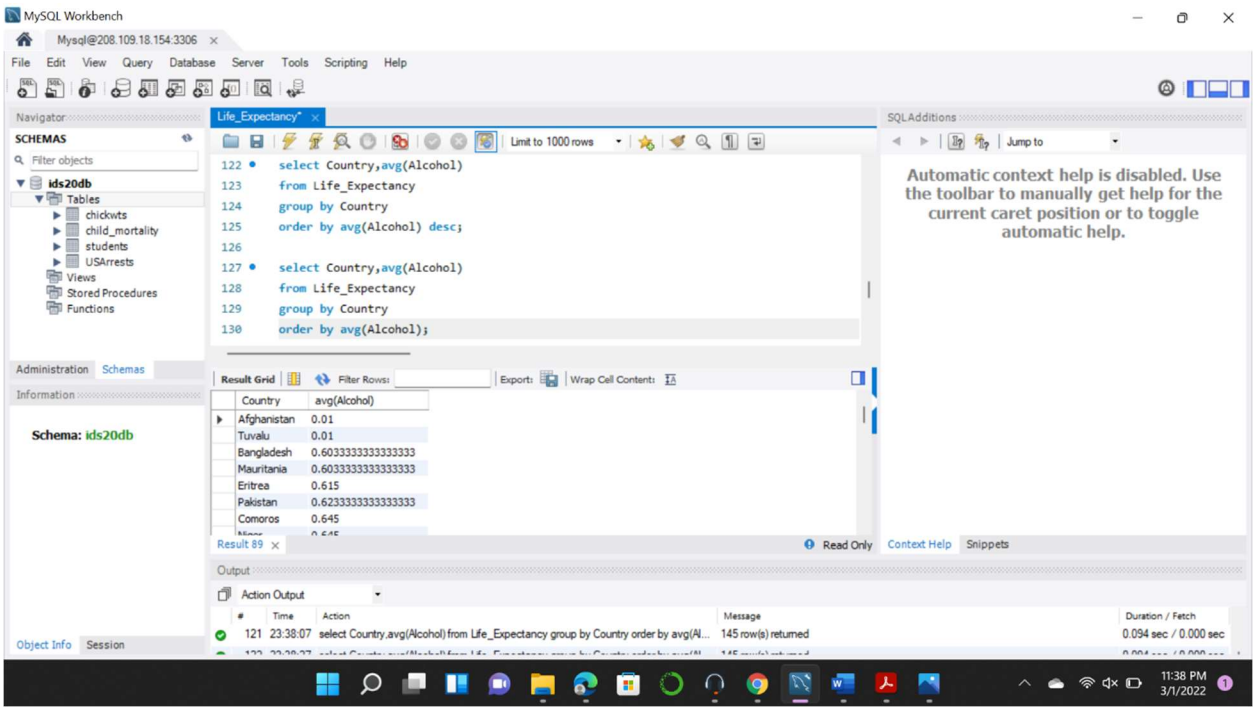
List of countries with the highest and lowest average Schooling (years 2010-2015).



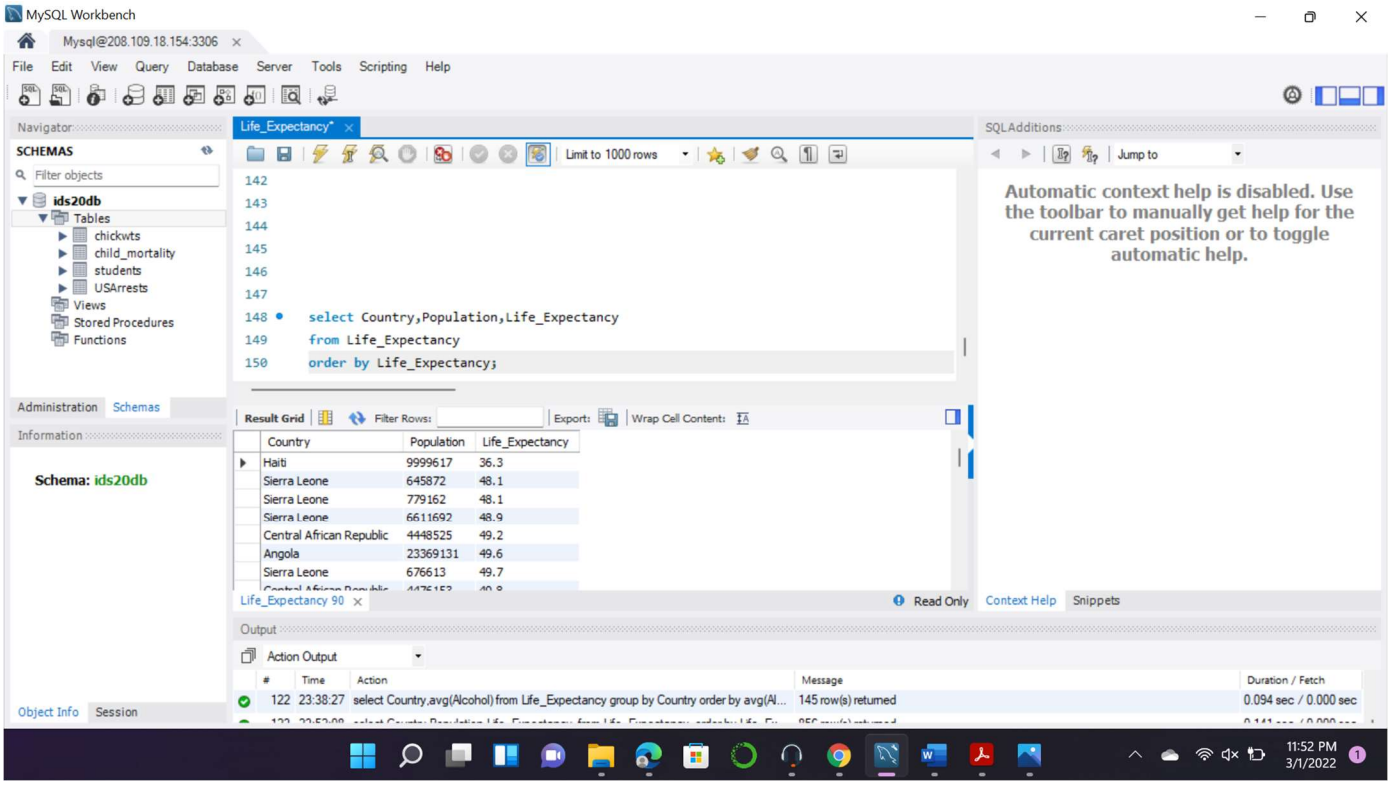


Which countries have the highest and lowest average alcohol consumption (years 2010-2015)?



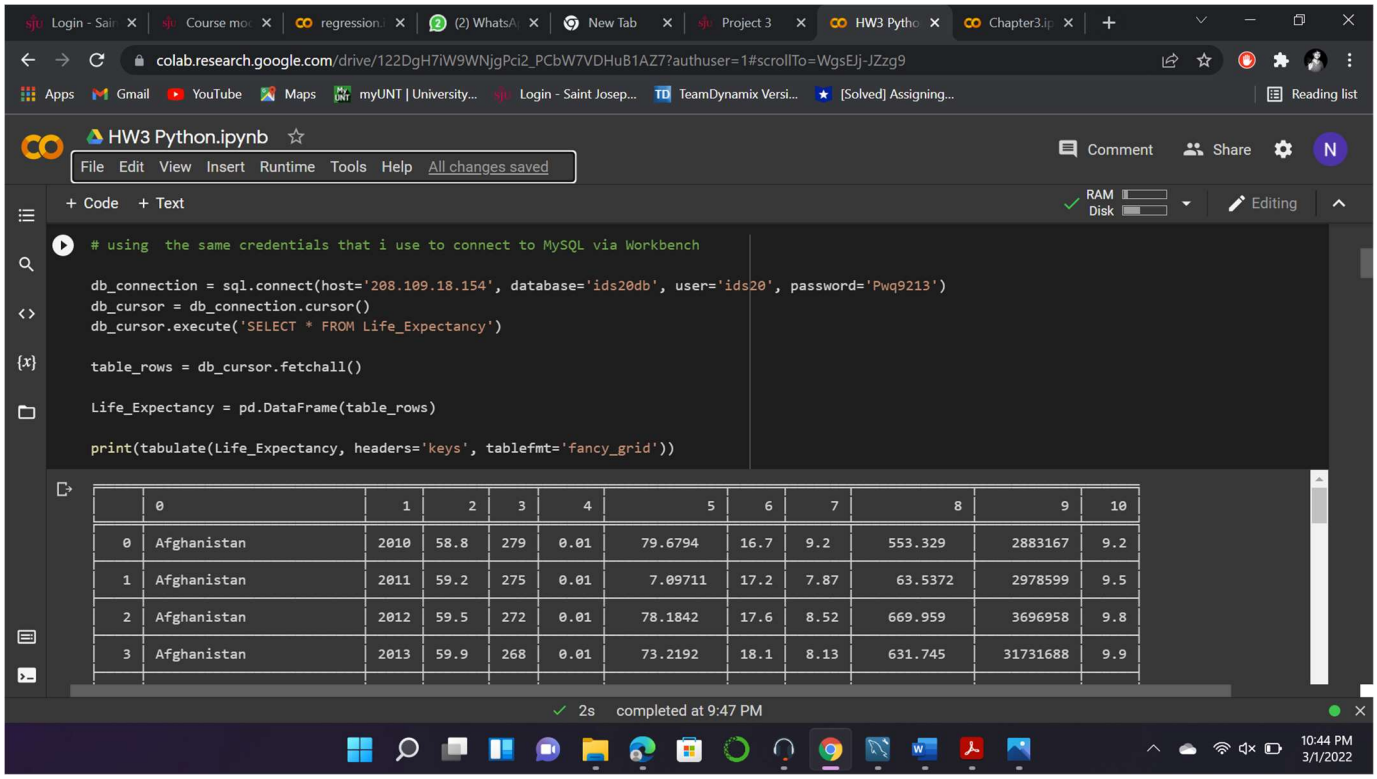


Do densely populated countries tend to have a lower life expectancy.



Python:

Imported the cleaned life expectancy data file from MySQL into a data frame and created a Jupiter notebook in my Google collab.



	0	1	2	3	4	5	6	7	8	9	10
0	Afghanistan	2010	58.8	279	0.01	79.6794	16.7	9.2	553.329	2883167	9.2
1	Afghanistan	2011	59.2	275	0.01	7.09711	17.2	7.87	63.5372	2978599	9.5
2	Afghanistan	2012	59.5	272	0.01	78.1842	17.6	8.52	669.959	3696958	9.8
3	Afghanistan	2013	59.9	268	0.01	73.2192	18.1	8.13	631.745	31731688	9.9

Remaining all the questions I explained in my Jupiter notebook and uploaded them into my canvas.

Kindly refer to it.