COM 230

In Class Exercise for 7/20/2011

1. Import the world database from: R:\COM230\Charlie July 2011

2. Run Show Create Table queries on each of the tables to get an idea of how they are constructed.

3. Run DESCRIBE command to do the same thing for each table.

3. Run a query on each of the tables to get a feel for the data and the relationships that exist between tables.

4. Run a query that will return the id, name, country code and population for all the cities in the city table.

5. Run a query that will display all of the data about countries that gained their independence after 1900.

6. Run a query that will display the id and name of every country whose population is between 1000000 and 2000000.

7. Run a query that will display the name and GNP of all countries in Africa and Asia where the GNP is less than 1000.

8. Run a query that will display an ordered list of the names of European countries in ascending order of population.

9. Run a query that will display the name and population of the cities of the world in ascending order by population. The results should be grouped by country code.

10. Write a query that will display the names of the first 5 cities in The Netherlands (Country code NLD) by population.

11. Write a query that will display the name and population of the most populous city in the world.

12. Write a query that will display the name and population of the least populous country in the world.

13. Write a query that will display the average population of the cities in each country on the African Continent. The column should be labels Average City Population.

14. Write a query that will display the total population of the world.

15. Write a query that will display the total population of each continent on the globe.

16. Write a query that will report how many cities there are in the United States (Country Code USA).

17. Write a query that will report how many distinct languages are spoken in Europe.

18. Write a query that will report the number of countries in the world that espouse each form of government. Report the result by continent.

19.