**COM 230**

**EXERCISE 8 Practice with ORDER BY and INNER JOIN**

1. Write a query that will sort the countries of the African continent in descending order and display their names and populations
2. Write a query that will sort the countries of South America in ascending order by GNP and display their names and populations
3. Display all the Countries in the world sorted by their local name. The query should display the common name, the local name and the continent.
4. Write a query to display the countries on each continent sorted alphabetically by continent and then by country name.
5. Write a query that will display all the information about every city beginning with the letter “C” in alphabetic order.
6. Write a query that will display all the information about every city beginning with the letter “C” sorted AS BINARY.
7. Write a query that will display all the information about every city beginning with the letter “C” sorted AS CHAR.
8. Write a query that will display all the information about every city beginning with the letter “C” sorted as UNSIGNED.
9. Write a query that will display city name, country name and continent by utilizing an inner join of the City and Country tables.
10. Write a query that will display the country name and any official languages and the percentage of the population speaking each utilizing an inner join of the Country and Country. Include an Order by clause that will display the counties in ascending alphabetical order and then the languages if more than one in ascending order of the percent of the population that speak it.
11. Write a query that will display the city name, country name and date of independence in descending order by year if the country is a republic or democratic monarchy.
12. Write a query that will display all the cities in all countries for which the country name and local name are not the same.
13. Write a query that will list all the cities along with the district for that city and the country name for countries in Asia with a life expectancy of less than 40 years.
14. Repeat the query in 13 for South America and Africa.
15. Write a query that will display all the city names in Oceania with a population of ten million or more.
16. Write a query that will display the names of all cities and the name of the continent upon which each exists ordered by continent and then city name.
17. Write a query that will display the names of the continents and the languages spoken on that continent ordered by continent and then by language.