CL2005- Database Systems Lab

Lab Task Sub-Query

FAST NU

Instructions:
- **Before starting, firstly read/understand all tasks.**
- **Make a Word file and paste all screenshots of tasks on word.**
- **Then submit your tasks on Google Classroom.**
- **Complete your lab tasks by yourself.**

SUB-QUERY

Using the emp(employee) and dept (department) table do the following (Using Sub queries):

1. Display the employee who got the maximum salary.

2. Display the employees who are working in Sales department.

3. Display the employees who are working in "New York".

4. Find out no. of employees working in "Sales" department.

5. List out the employees who earn more than every employee in department 30.

6. List out the employees who earn more than the lowest salary in department 30.

7. Find out whose department has not employees.

8. Find out which department does not have any employees.

9. Find out the employees who earn greater than the average salary for their department (Co-Related Sub Query).

Pick the file 'bbc.txt' from the Google Classroom and run queries from that file. You will get the table (named bbc) shown in the following figure:

NAME	REGION	AREA	POPULATION	GDP
Afghanistan	South Asia	652225	26000000	
Albania	Europe	28728	3200000	6656000000
Algeria	Middle East	2400000	32900000	7.5012E+10
Andorra	Europe	468	64000	
Bangladesh	South Asia	143998	152600000	6.7144E+10
United Kingdom	Europe	242514	59600000	2.0228E+12

Using the table shown in the above figure do the following (Using Sub queries):

10. Show the name, region and population of the smallest country in each region.

11. Show the countries with a greater GDP then any country in Europe.

12. Show the countries with population smaller than United Kingdom but bigger than Albania.