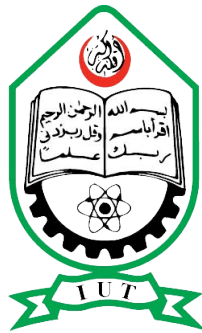

DBMS LAB 04 TASKS

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Note: Write down your commands and errors encountered in a notepad file to be evaluated.

Open your sql console, log in to your user account and run the attached .sql file. You can run the file as follows: @{path}{file}

```
SQL> @D:/Citizen_DDL_DML.sql
```

Here, the Citizen_DDL_DML.sql file is placed under the D: local drive.

The schema of the table is: *Citizen(C_ID, C_Name, C_Home, Age, Occupation, Gender, Salary)*

Now, write down the necessary SQL commands to perform the following:

1. Show all the values of citizen table.
2. Show only the c_name, age and occupation from the table.
3. Show the name of the citizens who are living in Dhaka.
4. Make a list of people whose income is more than 45,000/-
5. Show the names and hometowns of those whose age is less than 45.
6. Make a list (all attributes) of the female citizens.
7. Make a list (all attributes) of engineers, doctors and retired citizens.
8. Show the id, name and salary of musicians and businessmen.
9. Show the list of citizens whose occupations might be either doctor or engineer.
10. Make an ordered list of doctors according to the salary.
11. Make a descending ordered list based on the age and show the names and age only. If the ages are same, the names should be displayed in ascending order.
12. Make a list of all the distinct c_home values in the tables. Rename the output column as 'Unique_District'
13. What will be the salary of all working citizens if it is increased by 40%?

14. Make a list of male citizens who earn more than 50000 per month.

15. Show the details of citizens whose salary is within 30000/- to 50000/-.

16. Show the salary of citizens who aren't in the age group from 30 to 55.

17. Create a new table –

Updated_Citizen(C_ID, Name, C_Home, Age, Occupation, Gender, New_Salary).

Populate the table with the same entries as the 'Citizen' table. (Take help from the Citizen_DDL_DML.sql file.) You don't need to write the commands for creating this table in your submission file. Now, your task is to change the value of C_Home from 'Comilla' to 'Cumilla' wherever applicable in the Updated_Citizen table.

18. Delete the top 10 rows from the 'Updated_Citizen' table.

19. Increase the age by 10 years and salary by 30% in the 'Updated_Citizen' table using a single update statement.

20. Show a salary comparison between the citizens present in both the tables. (C_ID, C_Name, Salary, New_Salary)