

CSE 4410 - DBMS II LAB

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## DBMS II LAB 00

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

Any kind of plagiarism is going to be severely penalized.

## TASK 1

Create one tablespace *myspace* and a user. Assign the tablespace to the new user. Create a number of objects (4 tables: T1, T2, T3 and T4) and assign one table's data (T4) to a different tablespace *myspace2*.

## TASK 2

Bangladesh Government wants to create its national database for the various purposes.

The most essential information Government is interested to maintain are (but not limited to) such as:

NID, Citizen Name, Date of Birth, Permanent Address (District should be mentioned explicitly), Occupation, Physical Height, Photograph, Scanned copy of Signature, Monthly Salary, Blood Group.

Address should be categorized in a way that anytime for a given area all information are available very precisely. Occupation should also be organized containing 2 layers, for instance: Layer 1 Teaching and Layer 2: School Teaching/College Teaching.

Answer the following questions:

1. Find all people name, DOB who are in Teaching profession. Then narrow down to only University Teaching.
2. Find out top 5 professions according to salary.
3. Generate a report for people who are born either in Dhaka or Khulna with the following information: Name, DOB, Monthly Salary (if available)

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### **TASK 3**

Show with suitable example the difference between Left and Right Outer joins. Also show how natural join works here.