**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 07 version 1**

**Instructions:**

• You must complete all tasks individually. Absolutely **NO** collaboration is allowed.

• Any traces of plagiarism/cheating would result in an “F” grade in this course.

• Late submissions will **NOT** be accepted, in any case.

• Please use the Format of your answers as sample shared to you.

**Submission Procedure:**

• You are also required to submit .docx (Microsoft Word) file.

* Name of your file should be **YourRollNumber\_Lab\_Number**

e.g. BCSF18M00X\_Lab\_7.

• The file should contain the question, the query and the clear screen short of output after running the query.

• You have to submit your lab file to:

* **MCSF19M002@PUCIT.EDU.PK**

• The subject of the email should be **YourRollNumber\_LabVersion#**. e.g. BCSF18M00X\_Version1.

• **Submission Deadline: 5 November till 5:00 pm**

1. Show the Employees who were hired after Blake.
2. List those Employees having same Department Location as of Smith.
3. Enlist those Employees having job same like Clark but salary less than average salary.
4. Update the names of the employees in lowercase.
5. Find the 3rd lowest salary of each job
6. You are not supposed to show the entire salary so now find the one year salary of King and show only 1st digit and last 2 digit like 5\*\*23.
7. Get those employees who have commission greater than Each employee of department no. 10.
8. Show no. of employees having their total salary **(including commission)** greater than average salary and also those having less than average salary and give appropriate name to both columns.
9. Increase the salaries using CASE Expression 15% of those employees who are having salary below the average salary and 5 % of those who are having salary greater than average salary.
10. Update the job, deptno and salary of king to match that of Allen.
11. Insert a row in dept table. (deptno=50,name=IT, Loc=Karachi)
12. Delete the above inserted row
13. Delete all the employees of Operations department
14. Insert a row which will make Allen an employee of deptno 40.
15. Update the location of deptno 20 as NEW YORK