**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 02 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\_2.

• 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 on following email:

**MCSF19M002@pucit.edu.pk**

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

• **Submission Deadline: 01 OCT till 5:00 pm**

1. List all employees who are managers of department 10.
2. List all employees who do NOT work in department number 10, 20.
3. List all employees having first letter in their name 'W' OR 'K’ and they do NOT belong to department number 10 OR 20.
4. List those employees whose name’s third last letter is ‘I’
5. List those employees having first letter in their name 'F’ and the name contains exactly 4 letters.
6. List those employees whose names starts with ‘S’ and end with ‘H’
7. Find those employees whose MGR IS 7902, 7566, 7788
8. List all employees who are NOT manager.
9. List all employees who are NOT PRESIDENT, ANALYST OR SALESMAN
10. List all employees with the name that have "LL" in any position
11. Find those employees whose salary is 1600,2975,2850
12. List those employees having salary between 1000 and 3000 and with no commission
13. List those employees having salary between 1000 and 2000 and their manager is 7788
14. List those employees where job is CLERK and deptno is 10 OR 30
15. Find the annual salary of the employees and sort it in descending order
16. List all the employees sorted descending by the job and ascending by the salary
17. List all distinct jobs from the emp table
18. List the employees who have no manager
19. List the distinct managers
20. List all employees by sorting the hiredate in ascending order