**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 08 version 2**

**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\_8.

• 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: 19 November till 5:00 pm**

1. Create a table “manager” and add records of those employees who are managers from table emp.
2. create a table dept10 and add the records of those employees who belong to dept10 in emp.
3. Change the column heading ename into 'employee name' and job into designation.
4. Add a constraint in emp table that will make the empno as Primary key.
5. Disable the above added constraint.
6. Change the name of the table emp as “EMPLOYEE”
7. Add a new column “MgrName” in emp table.
8. Update the MgrName with the manager name of each employee.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EMPNO** | **ENAME** | **JOB** | **MGR** | **HIREDATE** | **SAL** | **COMM** | **DEPTNO** | **MGRNAME** |
| 7369 | SMITH | CLERK | 7902 | 12/17/1980 | 800 | - | 20 | FORD |
| 7499 | ALLEN | SALESMAN | 7698 | 02/20/1981 | 1600 | 300 | 30 | BLAKE |
| 7521 | WARD | SALESMAN | 7698 | 02/22/1981 | 1250 | 500 | 30 | BLAKE |

1. Create a table as

|  |  |
| --- | --- |
| **Table Name: Student** | |
| **Col Name** | **Constraints** |
| RegNo | Primary Key |
| SName | Not Null |
| Program | Can be ‘BS’, ‘BBA’, or ‘BA’ |
| NIC | Unique |

1. create a new table( using subquery) of all the salesman and add 367$ in their salary.
2. Add a new employee in emp table.

(7950, Rashid, Vice President, 7839,9/26/1999,4379,1392,40)

1. update the previous table with salary as 4869.
2. suppose that employees having salary less than 2500 have been resigned. So you have to discard (remove) them from emp table.
3. Create a table of your class with (Roll Number, Name, Degree, Samester , GPA, ) and insert dummy values minimum 5 rows in it. (considering all the constraints).
4. delete the data of above inserted table. Make sure to only deleting the internal data not entire table.