



**DEPARTMENT OF COMPUTER SYSTEMS ENGINEERING**  
**MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO**  
**Database Systems (3<sup>rd</sup> Semester) 20BSCS**  
**Lab Experiments**

**Lab 3: To be familiar with Table creation and population of table**

1. Create the DEPT table with field names DEPTNO, DNAME and LOCATION. Take datatypes accordingly.
2. Create EMP table with columns EMPNO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, DEPTNO. Make EMPNO as primary key and DEPTNO as foreign key.
3. Create the STUDENT table based on the following table instance chart. Choose the appropriate data types and be sure to add integrity constraints.

Column_ Name	STUDENT_ ID	LAST_ NAME	FIRST_NAM E	ADDRESS	DEPTNO	PHONE	ADM_ DATE
Key Type	PK				FK		
Null/ Unique	NN,U	NN			NN		NN
FK Ref Table					DEPT		
FK Ref Column					DEPTNO		
Default Value							System Date
Data Type	NUMBER	VARCHAR2	VARCHAR2	VARCHAR2	NUMBER	VARCHAR2	DATE
Length	10	15	15	25	2	15	

4. Add at least 5 rows in each table by using constant values of your own choice.
5. Create the employee2 table based on the structure of EMP table.
6. Create a table MY\_EMPLOYEE based on the structure of EMP table. Include the columns Empno, Ename, and Sal. Name them in new table as Id, Name, and Salary.
7. Rename employee1 table to Employee.
8. Drop employee table.
9. Add a comment to the student table describing the table.
10. Add a comment on ADM\_DATE column as 'Admission Date of student'.