

Lab SQL (DML)

Data Manipulation Language

Insert
Update
Delete

EMP

Column name	Data type	Description
EMPNO	Number	Employee number, Primary Key
ENAME	Varchar	Employee name
JOB	Char	Designation
MGR	Number	Manager's Emp. number
HIREDATE	Date	Date of joining
SAL	Number	Basic Salary
COMM	Number	Commission
DEPTNO	Number	Department Number, Foreign Key

DEPT

Column name	Data type	Description
DEPTNO	Number	Department number, Primary Key
DNAME	Varchar	Department name
LOC	Varchar	Location of department

- 1- Insert a new employee in emp table with name (Max)
- 2- Change the salary of Max to be 0 (would u get any error)?
- 3- Change the hiredate for Max to be "01-Dec-2025" (is that an acceptable value? Did u get any error?)
- 4- Insert employee with name (Allen) in department 50, are there any errors? why?
- 5- Create another table with the same structure as emp table
- 6- Insert a copy of employees who works as Salesman in department 30 to the new table (use only one insert statement)
- 7- Increase the salary of Scott to be 5000
- 8- Transfer employee Adams to department 70, are there any errors? why?
- 9- Change Adams' name to be 'Allen', are there any errors? why?
- 10- Modify the employees who works the same job as Ward to earn the same salary as Adams
- 11- Remove all employees who earn salary less than James
- 12- Remove department 'Sales", are there any errors? why?

