



UNIVERSITY OF CENTRAL PUNJAB
FACULTY OF INFORMATION TECHNOLOGY

INTRODUCTION TO DATABASE SYSTEM

LAB 7

(Data Manipulation Language)

Use Company Schema

DML stands for Data Manipulation Language. The SQL statements that are in the DML class are INSERT, UPDATE, DELETE and SELECT. In the given lab we are using the schema of company database.

Task 1

Many employees can work in our company. We want to retrieve record of each employee.

Task 2

Display the first name employees having salary greater than 40,000.

Task 3

Display the name of those employees who work as supervisor in the company.

Task 4

Display the salary and department number of all female employees.

Task 5

Display the first name of those employees whose salary is greater the 40,000 and less than 50,000.

Task 6

Display distinct first name of all the employees works for department, having dno=5.

Task 7

Sort the data of all employees in descending order on the basis of their salary

Task 8

User wants to start a new project of image processing in USA in department no 6.

Image processing	USA	6
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Task 9

Now user is facing difficulty while working on a project names Operating Systems in

Jacksonville, he wants to change the location from Jacksonville to London.

Task 10

User wants to stop the work on image processing project. So, delete the record against this project from database.

Task 11

Show the names of all employees except who are working in department no. 7

Task 12

Write a SQL query which sorts all the department no's in ascending order (Hint: table dept_locations).
