



University of Central Punjab

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FACULTY OF INFORMATION TECHNOLOGY

Introduction to Database System

Graded Lab05

**Spring -
20**

DML

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 Projects are running in the company. The CEO of company wants to know about the details of his current projects. Write a SQL query that retrieves each project record.

Task 2

Admin department of the company wants to know project numbers of those projects consuming time more than 40 hours. Write a SQL query that retrieves the project number of those projects, consuming time more than 40 hours.

Task 3

Justin Mark is a very hard worker, he has completed major projects on time. Company wants to give him reward by increasing his salary. Write a SQL query that updates the salary of Justin Mark from 40,000 to 50,000.

Task 4

A new Employee recommended by HR department joins the Company. Write SQL Query that insert the following details of new Employee named Gram

Gram	A	Smith	11101	000-11-23-555	New York	M	50,000	Null	6
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Task 5

John Smith has shifted his house from California to UK. Company wants to have the information about his current address. Write a SQL query that updates his address to '32 MAIN ST, UK'.

Task 6

Accounts department of the company wants to sort the Employees record on the basis of their salary. Write a SQL query that sorts all the employees in descending order on the basis of their salary.

Task 7

Company wants to know about the complete information of those employees who live in city "Atlanta". Write a SQL query that retrieves the complete record of all the employees living in city of Atlanta.

Task 8

Bob B Bender is not satisfying the company due to his continuous absentees. So, company has taken decision to fire him from company. Write a SQL query that deletes complete record of Bob B Bender