

Week 5

Working with Procedures and Functions.

Question 1

Employee (Emp_No, Emp_Name, sex, Salary, Address, Dept_No)

Department (Dept_No, Dept_Name, Location)

Insert at least 10 employees and 4 departments so that all queries result at least 1 tuple

1. Write a procedure to display employee details given the Emp_No.
2. Write a procedure to delete an employee record given the Emp_Name.
3. Write a procedure to list all the employee names belonging to a particular department given the Dept_No.
4. Write a procedure to display the number of employees whose salary is greater than 30K.

Question 2

Orders (ord_no, purch_amt, ord_date, customer_id, salesman_id)

Customer (customer_id, cust_name, city, salesman_id)

Insert at least 8 tuples in both relation so that all queries result at least 1 tuple

1. Use SQL functions to find the highest purchase amount ordered by each customer with their ID and highest purchase amount.
2. Use SQL functions to find the number of customers in each city.
3. Write a user defined function to display customer details given the customer_id.
4. Write a user defined function to decrease the purch_amt of an order by 5% given the ord_no.