

Lab Test 1

Advance Database Management System

Note: Do all the questions and submit the answers in a doc file with screenshots of all the queries.

Ques 1. Items_ord (customerid (PK), order_date, item (should start with 'P'), quantity, price)

Customers(customerid (FK), firstname (NOT NULL), lastname, city, state)

1. Insert at least 5 records in each table. Show all the records of the table.
2. From the *items_ordered* table, select a list of all items purchased for customerid 10449. Display the customerid, item, and price for this customer.
3. Display a listing of each of the unique items from the items_ordered table.
4. Change the city of the customer with customerid = 10447
5. Increase the price of all items by 10%
6. List the city and state of the customers who purchased the item P4.
7. List the items in descending order of price.
8. List the items with second highest price.

Ques 2. Employees(emp_id (PK), emp_name, job_name, manager_id (NOT NULL), hire_date, salary, commission, dep_id(FK))

Department(dep_id (PK), dep_name, dep_location)

1. Insert atleast 5 records in each table. Show all the records of the table.
2. Find the total salary of each department.
3. Find the unique designations of the employees
4. write a SQL query to increase the salary of employees by 15%
5. write a SQL query to find those employees who do not belong to the department d101.
6. write a SQL query to find those employees who joined before 2020.
7. write a SQL query to find those employees who work as same designation of Amit.
8. write a SQL query to find those employees who are senior to Vijay.
9. Display the employee id, emp_name, dep_name of all employees.
10. write a SQL query to find those employees whose salary is more than the total remuneration (salary + commission) of designation salesman.

11. write a SQL query to list any job of department ID d101 which are not found in department ID d102.
12. Write a sql query to find the employees whose salary is more than the average salary of all employees.