

Database fundementals II assignment



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# Question 1

The Department Employs Employees.

Employees Manages The Department.

Employees Have Salaries.

Employees Completes Invoices.

Products Appear on Lines.

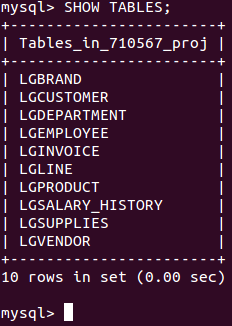
Customers Places Invoices.

Brands Includes Products.

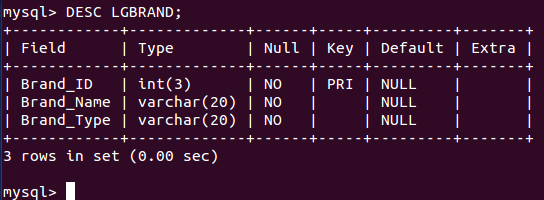
Products Provided By Supplies.

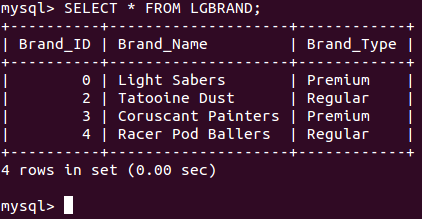
Vendors Provides Supplies.

# Question 2

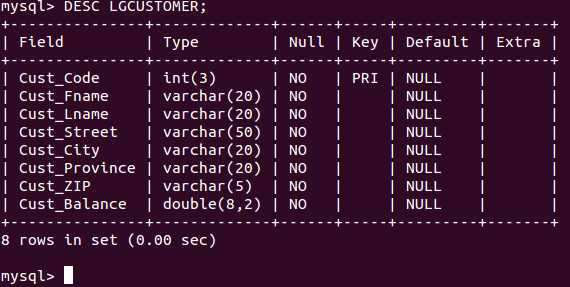


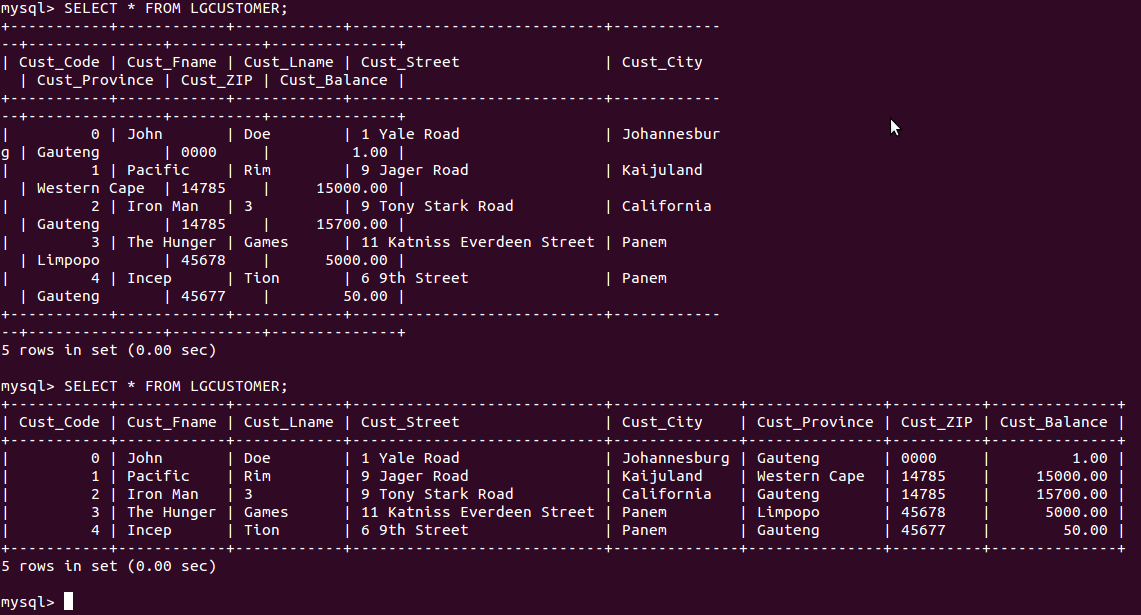
## LGBRAND



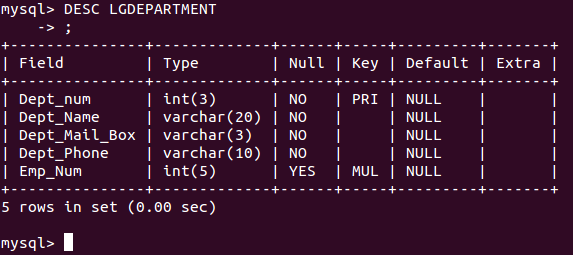


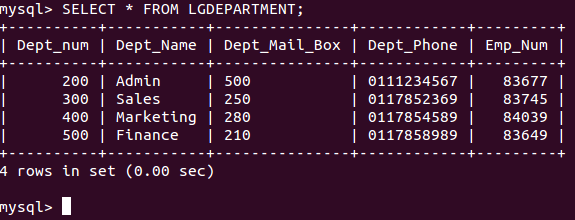
## LGCUSTOMER



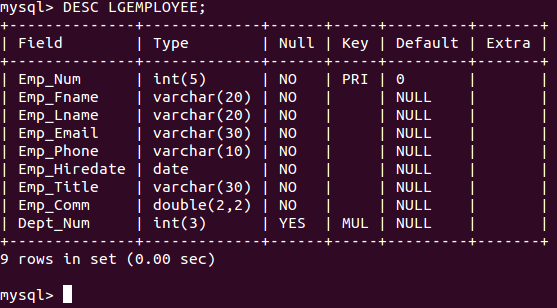


## LGDEPARTMENT



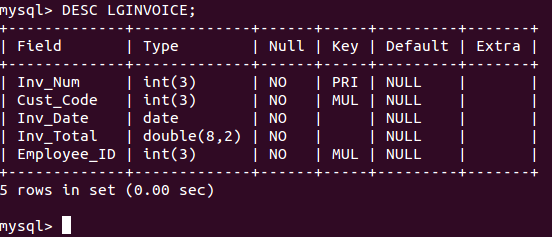


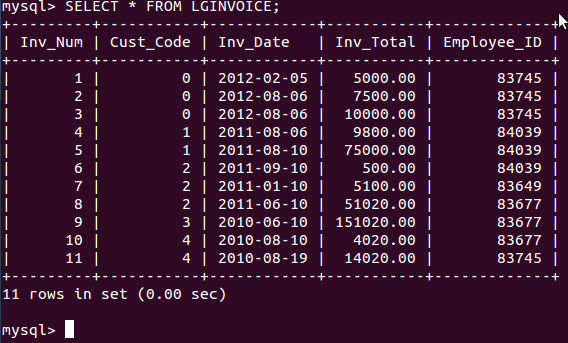
## LGEMPLOYEE



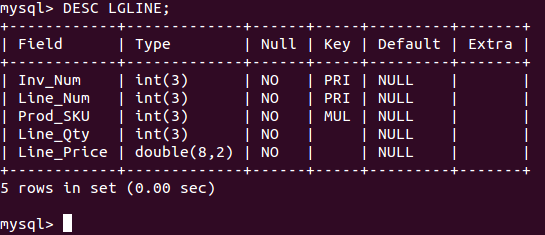


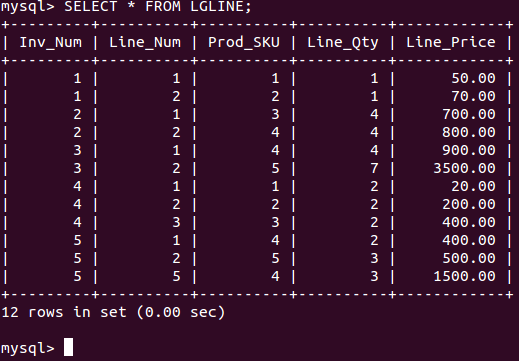
## LGINVOICE



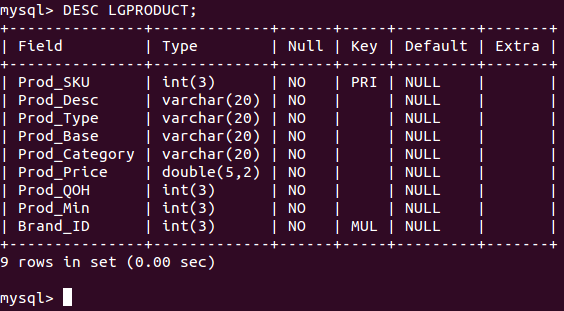


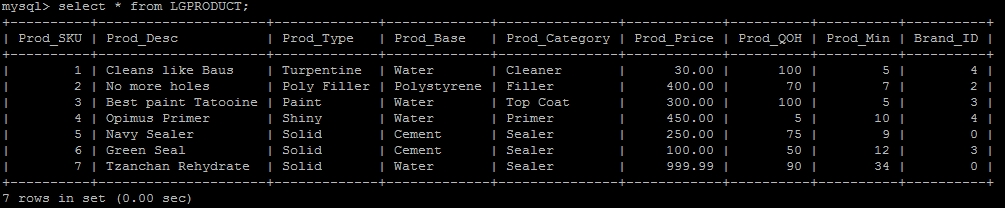
## LGLINE



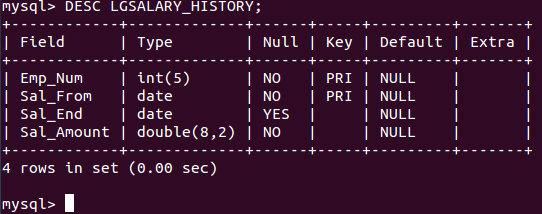


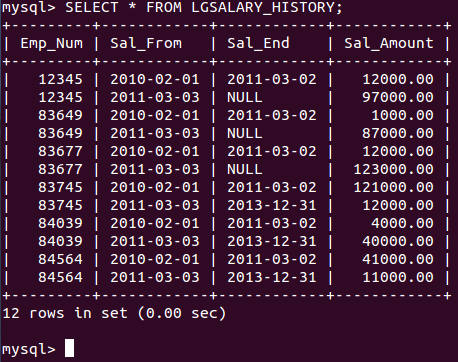
## LGPRODUCT



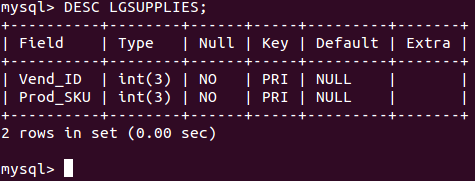


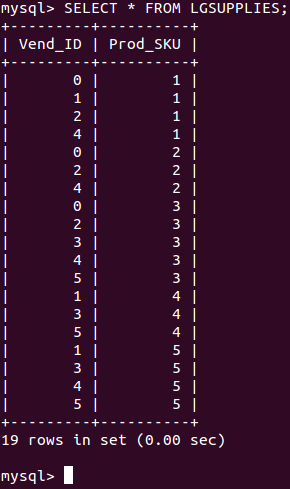
## LGSALARY\_HISTORY



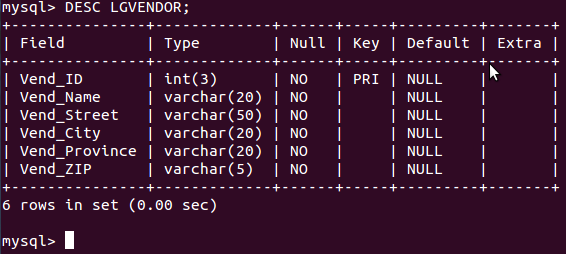


## LGSUPPLIES



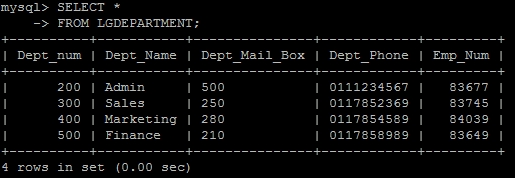


## LGVENDOR



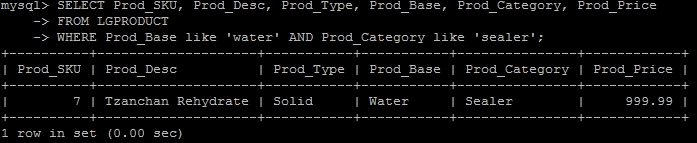


# Question 3



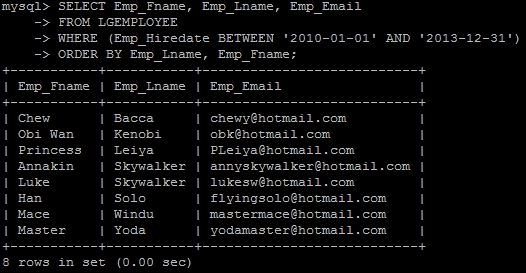
Selects all columns from table LGDEPARTMENT.

# Question 4



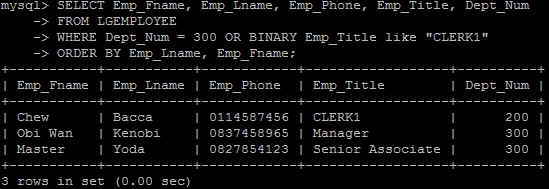
Selects columns Prod\_SKU, Prod\_Desc, Prod\_Type, Prod\_Base, Prod\_Category and Prod\_Price from table LGPRODUCT where Prod\_Base is water (not case sensitive) and Prod\_Category is sealer (not case sensitive).

# Question 5



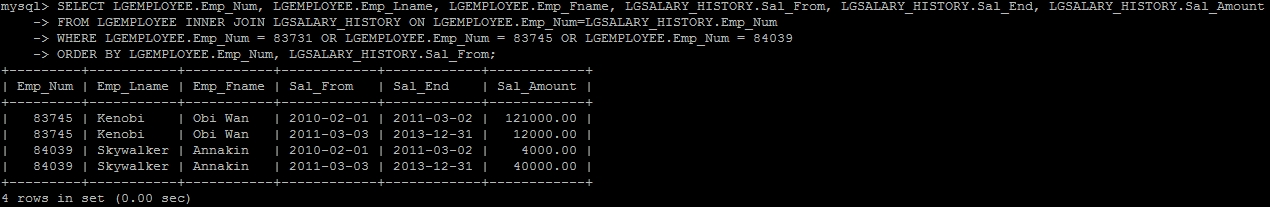
Selects columns Emp\_Fname, Emp\_Lname, Emp\_Email from table LGEMPLOYEE where Emp\_Hiredate is between 2010-01-01 and 2013-12-31. Sorted by Emp\_Lname then Emp\_Fname.

# Question 6



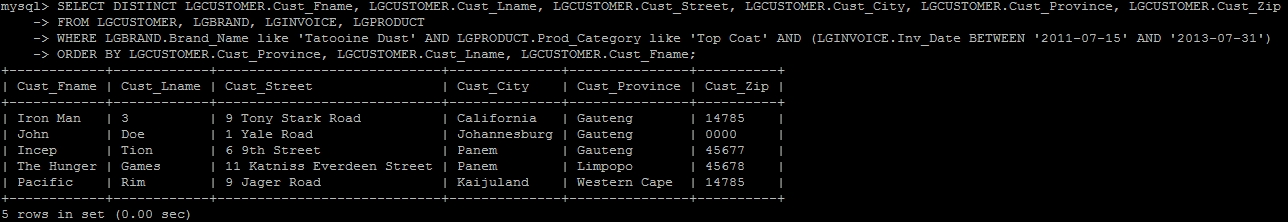
Selects columns Emp\_Fname, Emp\_Lname, Emp\_Phone, Emp\_Title, Dept\_Num from table LGEMPLOYEE where Dept\_Num is 300 or where the Emp\_Title is CLERK1 (case sensitive). Sorted by Emp\_Lname then Emp\_Fname.

# Question 7



Selects Emp\_Num, Emp\_Lname, Emp\_Fname from table LGEMPLOYEE and Sal\_From, Sal\_End, Sal\_Amount from table LGSALARY\_HISTORY where Emp\_Num us 83731, 83745 or 84039. LGEMPLOYEE and LGSALARY\_HISTORY are joined by the key Emp\_Num. Sorted by Emp\_Num then Sal\_From.

# Question 8



Selects (without repeated records) columns Cust\_Fname, Cust\_Lname, Cust\_Street, Cust\_City, Cust\_Province, Cust\_Zip from table LGCUSTOMER where Brand\_Name (from table LGBRAND) is Tatooine Dust, Prod\_Category (from table LGPRODUCT) is top coat and Inv\_Date (from table LGINVOICE) is between 2011-07-15 and 2013-07-31. Sorted by Cust\_Province then Cust\_Lname then Cust\_Fname.