

ASSIGNMENT 7

Use lab7.sql to create and fill tables

1. Write a SQL query using Joins:
 - a. find those clients with a priority less than 300
 - b. combine each row of dealer table with each row of client table
 - c. find all dealers along with client name, city, priority, sell number, date, and amount
 - d. find the dealer and client who reside in the same city
 - e. find sell id, amount, client name, city those sells where sell amount exists between 200 and 500
 - f. find dealers who works either for one or more client or not yet join under any of the clients
 - g. find the dealers and the clients he service, return client name, city, dealer name, commission.
 - h. find client name, client city, dealer, commission those dealers who received a commission from the sell more than 13%
 - i. make a report with client name, city, sell id, sell date, sell amount, dealer name and commission to find that either any of the existing clients haven't made a purchase(sell) or made one or more purchase(sell) by their dealer or by own.
 - j. find dealers who either work for one or more clients. The client may have made, either one or more purchases, or purchase amount above 2000 and must have a priority, or he may not have made any purchase to the associated dealer. Print client name, client priority, dealer name, sell id, sell amount
2. Create following views:
 - a. count the number of unique clients, compute average and total purchase amount of client orders by each date.
 - b. find top 5 dates with the greatest total sell amount
 - c. count the number of sales, compute average and total amount of all sales of each dealer
 - d. compute how much all dealers earned from commission (total sell amount *commission) in each location
 - e. compute number of sales, average and total amount of all sales dealers made in each location
 - f. compute number of sales, average and total amount of expenses in each city clients made.
 - g. find cities where total expenses more than total amount of sales in locations