

CSE 111 – DATABASE SYSTEMS

Lab 3, September 13, 2012

In this Lab session you will write multiple SQL queries for the TPCB database. You will execute the queries for the data loaded in Lab 2 and check the results.

Write SQL statements for the following queries on the TPCB database:

1. What is the account balance for Customer#000000027.
2. Which supplier has the largest account balance.
3. Find all the items that should be delivered in person (see lineitem.shipmode).
4. What is the average shipment time.
5. What is the average account balance among the customers in BUILDING market segment.
6. What is the phone number of the customers who ordered items on 1994-07-30.
7. What is the shipment date and the quantity of the items that were ordered by Customer#000000016.
8. Find all the suppliers from the American region who have more than \$2000 on account balance.
9. Find the total account balance of all the suppliers from CANADA.
10. Find the total price of orders made by customers from ASIA between 1993 and 1996.
11. How many customers received at least a 10% discount.
12. What country has the least successful rate of orders (see orders.orderstatus).
13. Find the total account balance of all the customers from the European region in the AUTOMOBILE market segment.
14. Find how many HIGH priority orders have been posted by customers in BRAZIL during 1995.

You are required to turn in the script with the SQL statements for all the queries and the result you obtained for each query on the TPCB database instance generated in Lab 2.