

Assignment 3

Write SQL queries for the following (consider tables of Session 1):

1. Find the names of all clients having 'a' as the second letter in their names.
2. Find out the clients who stay in a city whose second letter is 'a'.
3. Find the list of all clients who stay in 'Bombay' or 'Delhi'
4. Print the list of clients whose bal_due is greater than value 10000.
5. Print the information from sales_order table for orders placed in the month of January.
6. Display the order information for client_no 'C00001' and 'C00002'.
7. Find products whose selling price is greater than 2000 and less than or equal to 5000.
8. Find products whose selling price is more than 1500. Calculate a new selling price as original selling price * .15. Rename the new column in the above query as new_price.
9. List the names, city and state of clients who are not in the state of 'Maharashtra'.
10. Find all the products whose qty_in_hand is less than reorder level.
11. Display the order number and day on which clients placed their order.

Questionnaire:

1. What is *primary key*? What is the requirement of a primary key? What should be the properties of primary key?
2. What do you mean by referential integrity? How can you achieve this?

Write SQL queries for the following (consider tables of Session 1):

1. Increase the reorder level of Shirts to 80.
2. Increase unit selling price of all products by 10%.
3. Change YtdSales of S00003 by 35.
4. Set all QtyDisp values equal to the correspondingQTYOrdered vales where ProductRate is less than or equal to1000.
5. Change Pincode of clients from Mumbai to 400001.
6. Set all the reorder levels to double the existing values.
7. Remove records of all cancelled orders.
8. Remove all records from Salesman_Master table (populate the table again).
9. Find all the products whose qty_in_hand is less than reorder level.
10. Smith and Adams are now reporting to Blake. Make necessary changes in EMP table.

Questionnaire:

1. Is SELECT a DML command? – Comment critically.
2. What will happen if the where clause is not given with DELETE command?