KD3_86686_Vaibhav

Assignment-15

Using Subqueries with DML Commands.

1) Assume there is a table called Multicust, with all of the same column definitions as Salespeople. Write a command that inserts all salespeople with more than one customer into this table.

```
KD3_86686_Vaibhav@>create table Multicust as select * from salespeople where
 snum in(select snum from orders
    -> group by snum
    -> having count(cnum) >1 );
Query OK, 2 rows affected, 1 warning (0.04 sec)
Records: 2  Duplicates: 0  Warnings: 1

KD3_86686_Vaibhav@>select * from Multicust;
+------+--------+-----------+------+
| Snum | Sname  | city      | Comm |
+------+--------+-----------+------+
| 1002 | Serres | San Jose  | 0.13 |
| 1007 | Rifkin | Barcelona | 0.15 |
+------+--------+-----------+------+
2 rows in set (0.00 sec)
```

2)Write a command that deletes all customers with no current orders.

```
KD3_86686_Vaibhav@>delete from customers where cnum not in (select cnum from
 orders);
Query OK, 1 row affected (0.01 sec)

KD3_86686_Vaibhav@>select * from customers;
+------+----------+----------+--------+------+
| Cnum | Cname    | City     | Rating | Snum |
+------+----------+----------+--------+------+
| 2001 | Hoffman  | London   |    100 | 1001 |
| 2002 | Giovanni | Rome     |    300 | 1003 |
| 2003 | Liu      | San Jose |    200 | 1004 |
| 2004 | Grass    | Berlin   |    300 | 1004 |
| 2008 | Cisneros | San Jose |    300 | 1007 |
| 2007 | Pereira  | Rome     |    200 | 1004 |
+------+----------+----------+--------+------+
6 rows in set (0.00 sec)

KD3_86686_Vaibhav@>
```

3)Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.

```
KD3_86686_Vaibhav@>update salespeople set comm = comm + comm*0.2
    -> where snum = all(
    -> select snum from orders
    -> group by snum
    -> having sum(amt) > 3000);
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

KD3_86686_Vaibhav@>select * from salespeople;
+-------+---------+-----------+------+
| Snum  | Sname   | city      | Comm |
+-------+---------+-----------+------+
| 1001  | Peel    | London    | 0.12 |
| 1002  | Serres  | San Jose  | 0.16 |
| 1004  | Motika  | London    | 0.11 |
| 1007  | Rifkin  | Barcelona | 0.15 |
| 1003  | Axelrod | New York  | 0.10 |
| 1100  | Blanco  | San Jose  | NULL |
+-------+---------+-----------+------+
6 rows in set (0.00 sec)

KD3_86686_Vaibhav@>
```