

SQL ASSIGNMENT -15

ROLL NO-84016

Q1 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.

Ans.

```
D2_84016_Suyash>create table Multicust as select * from SALESPEOPLE where snum= ANY (select snum from CUSTOMERS group by snum having count(snum)>1);
Query OK, 2 rows affected (0.04 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
D2_84016_Suyash>select * from Multicust;
+-----+-----+-----+-----+
| Snum | Sname  | City   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

D2_84016_Suyash>
```

Q2. Write a command that deletes all customers with no current orders.

Ans.

```
D2_84016_Suyash>delete from CUSTOMERS where Cnum!=ALL(select cnum from ORDERS );
Query OK, 1 row affected (0.07 sec)
```

```
D2_84016_Suyash>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)

D2_84016_Suyash>
```

Q3. Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.
Ans.

```
D2_84016_Suyash>update SALESPEOPLE SET COMM = COMM + COMM * .20 WHERE SNUM = (SELECT SNUM FROM ORDERS GROUP BY SNUM HAVING SUM(AMT)>3000);
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

D2_84016_Suyash>SELECT * FROM SALESPEOPLE;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.156 |
| 1004 | Motika | London | 0.11 |
| 1007 | Rifkin | Barcelona | 0.15 |
| 1003 | Axelrod | New York | 0.1 |
| 1100 | Blanco | San Jose | NULL |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```