

Vatsal Mishra
D4
83889

Assignment – 15

Ques 1: Write a command that deletes all customers with no current orders.

```
D4_Vatsal_83889>DELETE FROM Customers WHERE CNUM != ANY(SELECT CNUM FROM Orders)
;
Query OK, 7 rows affected (0.01 sec)

D4_Vatsal_83889>select * from Customers;
Empty set (0.00 sec)

D4_Vatsal_83889>
```

Ques 2: Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.

Ans 2:

```
D4_Vatsal_83889>UPDATE SALESPEOPLE SET COMM = COMM * 1.20 WHERE SNUM IN(SELECT S
NUM FROM Orders GROUP BY SNUM HAVING SUM(AMT)>3000);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D4_Vatsal_83889>select * from SALESPEOPLE;
+-----+-----+-----+-----+
| Snum | Sname  | City      | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London    | 0.14 |
| 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)
```

Ques3 : Assume there is a table called Multicast, with all of the same column definitions as Salespeople. Write a command that inserts all salespeople with more than one customer into this table.

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```
D4_Vatsal_83889>INSERT INTO MULTICUST (city, sname, comm, snum) SELECT s.city, s
.sname, s.comm, s.snum FROM SALESPeOPLE s WHERE s.snum IN (      SELECT  snum
FROM Customers      GROUP BY snum      HAVING COUNT(*) > 1 );
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

D4_Vatsal_83889>select * from MULTICUST;
+-----+-----+-----+-----+
| Snum | Sname  | City    | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London  | 0.14 |
| 1002 | Serres | San Jose | 0.16 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

D4_Vatsal_83889>
```