

Assignment 15

MySQL

Database technologies

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.

```
mysql> create table Multicust as select * from salespeople;
Query OK, 6 rows affected, 1 warning (0.02 sec)
Records: 6 Duplicates: 0 Warnings: 1

mysql> insert into multicust (snum,sname,city,comm) values(1009,'Alex','Berlin',0.30);
Query OK, 1 row affected (0.01 sec)
```

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

```
mysql> update salespeople set comm=comm*0.20 where snum=(select snum from orders where amt >3000);
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City   | Comm |
+-----+-----+-----+-----+
| 1001 | peel  | london | 0.02 |
| 1002 | Serres | San Jose | 0.01 |
| 1004 | Motika | London | 0.02 |
| 1007 | Rifkin | Barcelona | 0.03 |
| 1003 | Axelrod | New York | 0.02 |
| 1100 | Blanco | San Jose | NULL |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```