Assignment 7b(2)

```
mysql> select * from customers;
ERROR 2013 (HY000): Lost connection to MySQL server during query
No connection. Trying to reconnect...
Connection id:    10
Current database: order_management

+--------+---------+---------+
| custid | name    | address |
+--------+---------+---------+
|    100 | Shruti  | Pune    |
|    101 | Vaibhav | Nashik  |
|    102 | Sharayu | Nagpur  |
|    103 | Anuja   | Satara  |
+--------+---------+---------+
4 rows in set (0.06 sec)

mysql> select * from orders;
+----------+---------+---------+-------------+
| order_id | cust_id | item_id | qty_ordered |
+----------+---------+---------+-------------+
|     1000 |     101 |       1 |           3 |
|     1001 |     103 |       1 |           1 |
|     1002 |     102 |       3 |           3 |
|     1003 |     103 |       3 |           2 |
+----------+---------+---------+-------------+
4 rows in set (0.01 sec)

mysql> select * from shop;
+---------+-----------+------+-------+
| item_id | item_name | qty  | price |
+---------+-----------+------+-------+
|       1 | pen       |   20 |     5 |
|       2 | pencil    |   30 |     6 |
|       3 | eraser    |   40 |    10 |
+---------+-----------+------+-------+
3 rows in set (0.03 sec)
```

```
mysql> select * from shop where price<8;
+---------+-----------+------+-------+
| item_id | item_name | qty  | price |
+---------+-----------+------+-------+
|       1 | pen       |   20 |     5 |
|       2 | pencil    |   30 |     6 |
+---------+-----------+------+-------+
2 rows in set (0.03 sec)

mysql>
```

```
mysql> select * from customers where name in ('Sharayu', 'Anuja');
+--------+---------+---------+
| custid | name    | address |
+--------+---------+---------+
|    102 | Sharayu | Nagpur  |
|    103 | Anuja   | Satara  |
+--------+---------+---------+
2 rows in set (0.00 sec)

mysql> select * from customers where name not in ('Sharayu', 'Anuja');
+--------+---------+---------+
| custid | name    | address |
+--------+---------+---------+
|    100 | Shruti  | Pune    |
|    101 | Vaibhav | Nashik  |
+--------+---------+---------+
2 rows in set (0.00 sec)

mysql> select * from customers left join orders on custid=cust_id;
+--------+---------+---------+----------+---------+---------+-------------+
| custid | name    | address | order_id | cust_id | item_id | qty_ordered |
+--------+---------+---------+----------+---------+---------+-------------+
|    100 | Shruti  | Pune    |     NULL |    NULL |    NULL |        NULL |
|    101 | Vaibhav | Nashik  |     1000 |     101 |       1 |           3 |
|    102 | Sharayu | Nagpur  |     1002 |     102 |       3 |           3 |
|    103 | Anuja   | Satara  |     1003 |     103 |       3 |           2 |
|    103 | Anuja   | Satara  |     1001 |     103 |       1 |           1 |
+--------+---------+---------+----------+---------+---------+-------------+
5 rows in set (0.04 sec)

mysql> select * from customers right join orders on custid=cust_id;
+--------+---------+---------+----------+---------+---------+-------------+
| custid | name    | address | order_id | cust_id | item_id | qty_ordered |
+--------+---------+---------+----------+---------+---------+-------------+
|    101 | Vaibhav | Nashik  |     1000 |     101 |       1 |           3 |
|    103 | Anuja   | Satara  |     1001 |     103 |       1 |           1 |
|    102 | Sharayu | Nagpur  |     1002 |     102 |       3 |           3 |
|    103 | Anuja   | Satara  |     1003 |     103 |       3 |           2 |
+--------+---------+---------+----------+---------+---------+-------------+
4 rows in set (0.00 sec)

mysql> select * from customers full join orders on custid=cust_id;
+--------+---------+---------+----------+---------+---------+-------------+
| custid | name    | address | order_id | cust_id | item_id | qty_ordered |
+--------+---------+---------+----------+---------+---------+-------------+
|    101 | Vaibhav | Nashik  |     1000 |     101 |       1 |           3 |
|    103 | Anuja   | Satara  |     1001 |     103 |       1 |           1 |
|    102 | Sharayu | Nagpur  |     1002 |     102 |       3 |           3 |
|    103 | Anuja   | Satara  |     1003 |     103 |       3 |           2 |
+--------+---------+---------+----------+---------+---------+-------------+
4 rows in set, 1 warning (0.01 sec)

mysql> select * from customers inner join orders on custid=cust_id;
+--------+---------+---------+----------+---------+---------+-------------+
| custid | name    | address | order_id | cust_id | item_id | qty_ordered |
+--------+---------+---------+----------+---------+---------+-------------+
|    101 | Vaibhav | Nashik  |     1000 |     101 |       1 |           3 |
|    103 | Anuja   | Satara  |     1001 |     103 |       1 |           1 |
|    102 | Sharayu | Nagpur  |     1002 |     102 |       3 |           3 |
|    103 | Anuja   | Satara  |     1003 |     103 |       3 |           2 |
+--------+---------+---------+----------+---------+---------+-------------+
4 rows in set (0.00 sec)
```