

# ASSIGNMENT 10

1. Write a query that produces all pairs of salespeople who are living in the same city. Exclude combinations of salespeople with themselves as well as duplicate rows with the order reversed.

```
mysql> SELECT
->     s1.sname AS salesperson1,
->     s2.sname AS salesperson2,
->     s1.city
-> FROM salesperson s1
-> JOIN salesperson s2
->   ON s1.city = s2.city
->  WHERE s1.snum < s2.snum;
```

| salesperson1 | salesperson2 | city     |
|--------------|--------------|----------|
| Peel         | Motika       | London   |
| Serres       | Alex         | San Jose |

2 rows in set (0.01 sec)

2. Write a query that produces the names and cities of all customers with the same rating as Allen.

```
mysql> SELECT cname, city
-> FROM customers
-> WHERE rating = (
->     SELECT rating
->     FROM customers
->     WHERE cname = 'Allen'
-> );
```

| cname | city   |
|-------|--------|
| Allen | London |
| Ravi  | Paris  |

2 rows in set (0.00 sec)