NGUBANE L.S

Student Number: 28691415

DATABASES CMPG 311

4.

```
mysql> select * from customerAccount where balance < 700;
+----------------+-------------+---------+
| account_number | branch_name | balance |
+----------------+-------------+---------+
| A-5324         | Newtown     |     500 |
| A-5624         | Sunnyside   |     400 |
| A-2542         | Mamelodi    |     350 |
+----------------+-------------+---------+
3 rows in set (0.04 sec)
```
i.

```
mysql> select * from customer where customer_city = 'Johannesburg';
+---------------+-----------------+---------------+
| customer_name | customer_street | customer_city |
+---------------+-----------------+---------------+
| Brooks        | Senator         | Johannesburg  |
+---------------+-----------------+---------------+
1 row in set (0.00 sec)
```
ii.

```
mysql> select * from employee where salary > 1500 AND branch_name <> 'Newtown';
+---------------+-------------+--------+
| employee_name | branch_name | salary |
+---------------+-------------+--------+
| Gopal         | Sunnyside   |   5300 |
| Sato          | Autin       |   1600 |
+---------------+-------------+--------+
2 rows in set (0.03 sec)
```
iii.

```
mysql> select AVG(salary) AS avg_salary FROM employee;
+------------+
| avg_salary |
+------------+
|     2062.5 |
+------------+
1 row in set (0.04 sec)
```
iv.

```
mysql> select MAX(assets) from BankBranch;
+-------------+
| MAX(assets) |
+-------------+
|     9000000 |
+-------------+
1 row in set (0.04 sec)
```
v.

5.

```
mysql> select * from employee where branch_name = 'Sunnyside';
+---------------+--------------+---------+
| employee_name | branch_name  | salary  |
+---------------+--------------+---------+
| Brown         | Sunnyside    |   1300  |
| Gopal         | Sunnyside    |   5300  |
| Modise        | Sunnyside    |   1500  |
+---------------+--------------+---------+
3 rows in set (0.00 sec)
```

i.

```
mysql> select * from  borrower;
+---------------+--------------+
| customer_name | loan_number  |
+---------------+--------------+
| Modise        | L-16         |
| Jooste        | L-93         |
| Johnson       | L-15         |
| Jackson       | L-14         |
| Zwane         | L-17         |
| Smith         | L-11         |
| Smith         | L-23         |
| Wiliams       | L-17         |
+---------------+--------------+
```

ii.

```
mysql> select account_number FROM customerAccount where balance > 900;
Empty set (0.00 sec)
```

iii.

```
mysql> select account_number,balance FROM customerAccount where branch_name = 'Newtown' AND balance > 600
;
Empty set (0.00 sec)
```

iv.

```
mysql> select branch_name, assets from BankBranch;
+--------------+----------+
| branch_name  | assets   |
+--------------+----------+
| Amanzimtoti  |   300000 |
| Belgravia    |  3700000 |
| Mabopane     |   400000 |
| Mamelodi     |  8000000 |
| Midrand      |  7100000 |
| Newtown      |  9000000 |
| Sunnyside    |  1700000 |
| Universitas  |  2100000 |
+--------------+----------+
8 rows in set (0.00 sec)
```

v.