

#### Question 4

4.1

```
mysql> select account_number, balance
-> from customerAccount
-> where balance < 700;
+-----+-----+
| account_number | balance |
+-----+-----+
| A-2542         | 350     |
+-----+-----+
1 row in set (0.00 sec)
```

4.2

```
mysql> select customer_name, customer_city
-> from customer
-> where customer_city = 'josburg';
+-----+-----+
| customer_name | customer_city |
+-----+-----+
| Brooks        | Josburg       |
+-----+-----+
1 row in set (0.00 sec)
```

4.2

4.3

```
mysql> select employee_name, branch_name, salary
-> from employee
-> where salary > 1500 and branch_name != 'newtown';
+-----+-----+-----+
| employee_name | branch_name | salary |
+-----+-----+-----+
| Gopal         | Sunnyside   | 5300   |
| Sato          | Austin      | 1600   |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

4.4

```
mysql> select employee_name, AVG(salary) AS avg_salary
-> from employee;
+-----+-----+
| employee_name | avg_salary |
+-----+-----+
| Modise        | 2062.5     |
+-----+-----+
1 row in set (0.00 sec)
```

4.5

```
mysql> select branch_name,branch_city,max(assets)
-> from Bankbranch;
+-----+-----+-----+
| branch_name | branch_city | max(assets) |
+-----+-----+-----+
| Amanzi      | Durban      | 900000      |
+-----+-----+-----+
1 row in set (0.00 sec)
```

Question 5

5.1

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

5.2

```
mysql> SELECT customer_name, loan_number
-> from borrower;
+-----+-----+
| customer_name | loan_number |
+-----+-----+
| Smith         | L-11        |
| Jackson       | L-14        |
| Johnson       | L-15        |
| Modise        | L-16        |
| Zwane         | L-17        |
| Smith         | L-23        |
| Williams      | L-27        |
| Jooste        | L-93        |
+-----+-----+
8 rows in set (0.00 sec)
```

```
mysql> select account_number
```

5.3

```
mysql> select account_number,balance
-> from customeraccount
-> where balance > 900;
+-----+-----+
| account_number | balance |
+-----+-----+
| A-5324         | 5000    |
| A-56324        | 4000    |
| A-7724         | 9000    |
+-----+-----+
3 rows in set (0.00 sec)
```

5.4

```
mysql> select account_number, balance
-> from customeraccount
-> where balance > 600 and branch_name = 'newtown';
+-----+-----+
| account_number | balance |
+-----+-----+
| A-5324         | 5000    |
+-----+-----+
1 row in set (0.00 sec)
```

5.5

```
mysql> select branch_name,assets
-> from bankbranch;
+-----+-----+
| branch_name | assets |
+-----+-----+
| Amanzi      | 300000 |
| Belrava     | 3700000 |
| Mabopae     | 400000 |
| Mamelod     | 8000000 |
| Midrand     | 71000 |
| Newtown     | 900000 |
| Sunysid     | 1700000 |
| Univers     | 2100000 |
+-----+-----+
8 rows in set (0.00 sec)
```

