

PRACTICAL 1

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QUESTION 4

(i)

```
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)
```

(ii)

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

(iii)

```
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)
```

(iv)

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

(v)

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

QUESTION 5

(i)

```
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)
```

(ii)

```
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       |
| Williams     | L-17       |
+-----+-----+
```

(iii)

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

(iv)

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

(v)

```
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)