

LEPHALALA DM

CMPG 311 – ASSIGNMENT 1

A.

```
mysql> select * from customeraccount where balance < 700;
+-----+-----+-----+
| accountNumber | branchName | balance |
+-----+-----+-----+
| A-2542        | Mamelodi   | 350     |
| A-5324        | Newtown    | 500     |
| A-5624        | Sunnyside  | 400     |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

B.

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

C.

```
mysql> select * from employee where salary > 1500 & branchName != 'Newtown';
+-----+-----+-----+
| employeeName | branchName | salary |
+-----+-----+-----+
| Brown        | Sunnyside  | 1300.00 |
| Gopal        | Sunnyside  | 5300.00 |
| Johnson      | Newtown    | 1500.00 |
| Loreenna     | newtow     | 1300.00 |
| Modise       | sunnyside  | 1500.00 |
| Peterson     | Newtown    | 2500.00 |
| Rao          | Austin     | 1500.00 |
| Sato         | Austin     | 1600.00 |
+-----+-----+-----+
8 rows in set, 9 warnings (0.00 sec)
```

D.

```
mysql> select @avg_salary:=AVG(assets) from bankbranch;
+-----+
| @avg_salary:=AVG(assets) |
+-----+
| 12025000                 |
+-----+
1 row in set, 1 warning (0.00 sec)
```

E.

```
mysql> select MAX(assets) from bankbranch;
+-----+
| MAX(assets) |
+-----+
|    71000000 |
+-----+
1 row in set (0.00 sec)
```

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A.

```
mysql> select * from employee where branchName = 'Sunnyside';
+-----+-----+-----+
| employeeName | branchName | salary |
+-----+-----+-----+
| Brown       | Sunnyside  | 1300.00 |
| Gopal       | Sunnyside  | 5300.00 |
| Modise      | sunnyside  | 1500.00 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

B.

```
mysql> select * from borrower;
+-----+-----+
| customerName | loanNumber |
+-----+-----+
| Modise       | L-16      |
| Jooster      | L-93      |
| Johnson      | L-14      |
| Zwane        | L-17      |
| Smith        | L-11      |
| Smith        | L-23      |
+-----+-----+
6 rows in set (0.00 sec)
```

D.

```
mysql> select accountNumber,balance from customeraccount where balance >600;
+-----+-----+
| accountNumber | balance |
+-----+-----+
| A-7794       | 900    |
+-----+-----+
1 row in set (0.00 sec)
```

E.

```
mysql> select branchName,assets from bankbranch;
```

branchName	assets
Amanzintoti	300000
Belgravia	3700000
Mabopane	400000
Mamelodi	8000000
Midrand	71000000
Newtown	9000000
Sunnyside	1700000
Universitas	2100000

```
8 rows in set (0.00 sec)
```

```
mysql>
```