

## TABLES

```
MariaDB [(none)]> create database BidvestBank;  
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [(none)]> show databases;
```

```
+-----+  
| Database |  
+-----+  
| bidvestbank |  
| information_schema |  
| mysql |  
| performance_schema |  
| test |  
+-----+
```

```
5 rows in set (0.07 sec)
```

```
MariaDB [(none)]> use BidvestBank;
```

```
Database changed
```

```
MariaDB [BidvestBank]> show tables;
```

```
Empty set (0.00 sec)
```

```
MariaDB [BidvestBank]> create table BankBranch(  
  -> branchName varchar(10) not null,  
  -> branchCity varchar(10) not null,  
  -> assets varchar(10) not null,  
  -> primary key(branchName)  
  -> );
```

```
Query OK, 0 rows affected (0.79 sec)
```

```
MariaDB [BidvestBank]> create table Customer(  
  -> customerName varchar(10) not null,  
  -> customerStreet varchar(10) not null,  
  -> customerCity varchar(10) not null,  
  -> primary key(customerName)  
  -> );
```

```
Query OK, 0 rows affected (0.46 sec)
```

```
MariaDB [BidvestBank]> create table createAccount(  
  -> accountNumber varchar(10) not null,  
  -> branchName varchar(10) not null,  
  -> balance varchar(10) not null,  
  -> primary key(accountNumber)  
  -> );
```

```
Query OK, 0 rows affected (0.71 sec)
```

```
MariaDB [BidvestBank]> create table Loan(  
  -> loanNumber varchar(10) not null,  
  -> branchName varchar(10) not null,  
  -> amount varchar(10) not null,  
  -> primary key(loanNumber)  
  -> );
```

```
Query OK, 0 rows affected (0.65 sec)
```

```
MariaDB [BidvestBank]> create table Depositor(
  -> customerName varchar(10) not null,
  -> accountNumber varchar(10) not null,
  -> primary key(accountNumber)
  -> );
```

Query OK, 0 rows affected (1.94 sec)

```
MariaDB [BidvestBank]> create table Borrower(
  -> customerName varchar(10) not null,
  -> loanNumber varchar(10) not null,
  -> primary key(loanNumber)
  -> );
```

Query OK, 0 rows affected (0.56 sec)

```
MariaDB [BidvestBank]> create table Employee(
  -> employeeName varchar(10) not null,
  -> branchName varchar(10) not null,
  -> salary varchar(10) not null,
  -> primary key(employeeName)
  -> );
```

Query OK, 0 rows affected (0.41 sec)

```
MariaDB [BidvestBank]> insert into BankBranch values('Midrand', 'Johannesburg', 7100000);
ERROR 1406 (22001): Data too long for column 'branchCity' at row 1
```

```
MariaDB [BidvestBank]> show tables;
```

```
+-----+
| Tables_in_bidvestbank |
+-----+
| bankbranch             |
| borrower               |
| createaccount          |
| customer               |
| depositor              |
| employee               |
| loan                   |
+-----+
```

7 rows in set (0.01 sec)

```
MariaDB [BidvestBank]> ALTER TABLE * MODIFY Type VARCHAR(225);
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right usage of VARCHAR(225)' at line 1

```
MariaDB [BidvestBank]> ALTER TABLE bankBranch MODIFY Type VARCHAR(255);
```

ERROR 1054 (42S22): Unknown column 'Type' in 'bankbranch'

```
MariaDB [BidvestBank]> describe BidvestBank;
```

ERROR 1146 (42S02): Table 'bidvestbank.bidvestbank' doesn't exist

```
MariaDB [BidvestBank]> describe databases;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right usage of DESCRIBE at line 1

```
MariaDB [BidvestBank]> describe bankBranch;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| branchName | varchar(10) | NO | PRI | NULL | |
| branchCity | varchar(10) | NO | | NULL | |
| assets | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
```

3 rows in set (0.45 sec)

```
MariaDB [BidvestBank]> ALTER TABLE bankBranch MODIFY Type VARCHAR(255);
```

ERROR 1054 (42S22): Unknown column 'Type' in 'bankbranch'

```
MariaDB [BidvestBank]> ALTER TABLE Customer MODIFY type VARCHAR(255);
```

ERROR 1054 (42S22): Unknown column 'type' in 'customer'

```
MariaDB [BidvestBank]> ALTER TABLE Customer MODIFY columnname VARCHAR(255)
```

```
  -> ;
```

ERROR 1054 (42S22): Unknown column 'columnname' in 'customer'

```
MariaDB [BidvestBank]> ALTER TABLE bankBrank MODIFY branchName VARCHAR(255)not null;
ERROR 1146 (42S02): Table 'bidvestbank.bankbrank' doesn't exist
MariaDB [BidvestBank]> ALTER TABLE bankBranch MODIFY branchName VARCHAR(255)not null;
Query OK, 0 rows affected (1.62 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE bankBranch MODIFY branchCity VARCHAR(255)not null;
Query OK, 0 rows affected (1.79 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE bankBranch MODIFY assets VARCHAR(255) not null;
Query OK, 0 rows affected (0.17 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> describe Borrower;
```

Field	Type	Null	Key	Default	Extra
customerName	varchar(10)	NO		NULL	
loanNumber	varchar(10)	NO	PRI	NULL	

```
2 rows in set (0.24 sec)
```

```
MariaDB [BidvestBank]> ALTER TABLE Borrower MODIFY customerName VARCHAR(255) not null;
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE Borrower MODIFY loanNumber VARCHAR(255) not null;
Query OK, 0 rows affected (0.62 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> RENAME TABLE `createAccount` TO `CustomerAccount`;
Query OK, 0 rows affected (0.69 sec)
```

```
MariaDB [BidvestBank]> describe CustomerAccount;
```

Field	Type	Null	Key	Default	Extra
accountNumber	varchar(10)	NO	PRI	NULL	
branchName	varchar(10)	NO		NULL	
balance	varchar(10)	NO		NULL	

```
3 rows in set (0.35 sec)
```

```
MariaDB [BidvestBank]> ALTER TABLE CustomerAccount MODIFY accountNumber VARCHAR(255) not null;
Query OK, 0 rows affected (0.55 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE CustomerName MODIFY branchName VARCHAR(255) not null;
ERROR 1146 (42S02): Table 'bidvestbank.customername' doesn't exist
MariaDB [BidvestBank]> ALTER TABLE CustomerAccount MODIFY brachName VARCHAR(255) not null;
ERROR 1054 (42S22): Unknown column 'brachName' in 'customeraccount'
MariaDB [BidvestBank]> ALTER TABLE CustomerAccount MODIFY branchName VARCHAR(255) not null;
Query OK, 0 rows affected (0.20 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE CustomerAccount MODIFY balance VARCHAR(255) not null;
Query OK, 0 rows affected (0.15 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> describe Customer;
```

Field	Type	Null	Key	Default	Extra
customerName	varchar(10)	NO	PRI	NULL	
customerStreet	varchar(10)	NO		NULL	
customerCity	varchar(10)	NO		NULL	

```
3 rows in set (0.12 sec)
```

```
MariaDB [BidvestBank]> ALTER TABLE Customer MODIFY customerName VARCHAR(255) not null;
Query OK, 0 rows affected (1.85 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE Customer MODIFY customerStreet VARCHAR(255) not null;
Query OK, 0 rows affected (0.18 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [BidvestBank]> ALTER TABLE Customer MODIFY customerCity VARCHAR(255) not null;
Query OK, 0 rows affected (0.18 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

MariaDB [BidvestBank]> describe Depositor;

Field	Type	Null	Key	Default	Extra
customerName	varchar(10)	NO		NULL	
accountNumber	varchar(10)	NO	PRI	NULL	

2 rows in set (0.51 sec)

MariaDB [BidvestBank]> ALTER TABLE Depositor MODIFY customerName VARCHAR(255) not null;

Query OK, 0 rows affected (0.32 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> ALTER TABLE Depositor MODIFY accountNumber VARCHAR(255) not null;

Query OK, 0 rows affected (0.62 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> describe Employee;

Field	Type	Null	Key	Default	Extra
employeeName	varchar(10)	NO	PRI	NULL	
branchName	varchar(10)	NO		NULL	
salary	varchar(10)	NO		NULL	

3 rows in set (0.17 sec)

MariaDB [BidvestBank]> ALTER TABLE Employee MODIFY employeeName VARCHAR(255) not null;

Query OK, 0 rows affected (0.58 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> ALTER TABLE Employee MODIFY branchName VARCHAR(255) not null;

Query OK, 0 rows affected (0.38 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> ALTER TABLE Employee MODIFY salary VARCHAR(255) not null;

Query OK, 0 rows affected (0.15 sec)

Records: 0 Duplicates: 0 Warnings: 0

```

MariaDB [BidvestBank]> describe Loan;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| loanNumber | varchar(10) | NO   | PRI | NULL    |       |
| branchName | varchar(10) | NO   |     | NULL    |       |
| amount     | varchar(10) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.37 sec)

MariaDB [BidvestBank]> ALTER TABLE Loan MODIFY loanNumber VARCHAR(255) not null;
Query OK, 0 rows affected (0.77 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> ALTER TABLE Loan MODIFY branchName VARCHAR(255) not null;
Query OK, 0 rows affected (0.08 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> ALTER TABLE Loan MODIFY amount VARCHAR(255) not null;
Query OK, 0 rows affected (0.13 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> show tables;
+-----+
| Tables_in_bidvestbank |
+-----+
| bankbranch             |
| borrower               |
| customer               |
| customeraccount        |
| depositor              |
| employee               |
| loan                   |
+-----+
7 rows in set (0.00 sec)

```

## POPULATE

BankBranch Table

```

MariaDB [BidvestBank]> insert into BankBranch values('Midrand', 'Johannesburg', 7100000);
Query OK, 1 row affected (0.05 sec)

MariaDB [BidvestBank]> Insert into BankBranch values('Newtown', 'Johannesburg', 9000000);
Query OK, 1 row affected (0.08 sec)

MariaDB [BidvestBank]> Insert into BankBranch values('Mabopane', 'Pretoria', 400000);
Query OK, 1 row affected (0.08 sec)

MariaDB [BidvestBank]> Insert into BankBranch values('Belgravia', 'Kimberly', 3700000);
Query OK, 1 row affected (0.07 sec)

MariaDB [BidvestBank]> Insert into BankBranch values('Sunnyside', 'Pretoria', 1700000);
Query OK, 1 row affected (0.07 sec)

```

```
MariaDB [BidvestBank]> Insert into BankBranch values('Unuversitas', 'Bloemfontein', 2100000);
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> update BranchBank set branchName = 'Universitas';
ERROR 1146 (42S02): Table 'bidvestbank.branchbank' doesn't exist
MariaDB [BidvestBank]> update BankBranch set branchName = 'Universitas';
ERROR 1062 (23000): Duplicate entry 'Universitas' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into BankBranch values('Mamelodi', 'Pretoria', 8000000);
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into BankBranch values('Amanzimtoti','Durban', 300000);
```

## Borrower Table

```
MariaDB [BidvestBank]> Insert into Borrower values('Modise', 'L-16');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Jooste', 'L-93');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Johnson', 'L-15');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Jackson', 'L-14');
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Zwane', 'L-17');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Smith', 'L-11');
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Smith', 'L-23');
Query OK, 1 row affected (0.04 sec)

MariaDB [BidvestBank]> Insert into Borrower values('Williams', 'L-17');
ERROR 1062 (23000): Duplicate entry 'L-17' for key 'PRIMARY'
```

## Customer Table

```
MariaDB [BidvestBank]> Insert into Customer values('Modise', 'Springs', 'George');
Query OK, 1 row affected (0.25 sec)

MariaDB [BidvestBank]> Insert into Customer values('Brooks', 'Senator', 'Johannesburg');
Query OK, 1 row affected (0.26 sec)

MariaDB [BidvestBank]> Insert into Customer values('Jooste','North','Kimberly');
Query OK, 1 row affected (0.08 sec)

MariaDB [BidvestBank]> Insert into Customer values('Mokwena','Walnut','Port-Elizabeth');
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into Customer values('Johnson','Alma', 'Bloemfontein');
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Customer values('Johnson','Mmabatho','Mafikeng');
ERROR 1062 (23000): Duplicate entry 'Johnson' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into Customer values('Johnnson', 'Mmabatho','Mafikeng');
Query OK, 1 row affected (0.14 sec)

MariaDB [BidvestBank]> Insert into Customer values('Zwane','Main','Mafikeng');
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Customer values('Lindsay','Park','George');
Query OK, 1 row affected (0.21 sec)

MariaDB [BidvestBank]> Insert into Customer values('Smith','North','Kimberly');
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into Customer values('Dlamini','Putnam','Port-Elizabeth');
Query OK, 1 row affected (0.07 sec)

MariaDB [BidvestBank]> Insert into Customer values('Williams','Nassau','Giyane');
Query OK, 1 row affected (0.04 sec)
```

## CustomerAccount Table

```
MariaDB [BidvestBank]> Insert into customerAccount values('A-5324','Newtown',500);
ERROR 1062 (23000): Duplicate entry 'A-5324' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into customerAccount values('A-5624','Sunnyside', 400);
ERROR 1062 (23000): Duplicate entry 'A-5624' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into customerAccount values('A-7794','Midrand',900);
ERROR 1062 (23000): Duplicate entry 'A-7794' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into customerAccount values('A-4467','Mabopane',700);
Query OK, 1 row affected (0.12 sec)

MariaDB [BidvestBank]> Insert into customerAccount values('A-3546','Midrand',750);
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into customerAccount values('A-3453','Universitas',700);
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into customerAccount values('A-2542','Mamelodi',350);
Query OK, 1 row affected (0.10 sec)
```



## Depositor Table

```
MariaDB [BidvestBank]> Insert into Depositor values('Johnson','A-5624');
Query OK, 1 row affected (0.11 sec)

MariaDB [BidvestBank]> Insert into Depositor values('Johnnson','A-5624');
ERROR 1062 (23000): Duplicate entry 'A-5624' for key 'PRIMARY'
MariaDB [BidvestBank]> Insert into Depositor values('Johnnson','A-7794');
Query OK, 1 row affected (0.12 sec)

MariaDB [BidvestBank]> Insert into Depositor values('Zwane','A-3546');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Depositor values('Lindsay','A-3453');
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Depositor values('Smith','A-2542');
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Update 'Depositor' SET 'accountNumber' = 'A-4467' WHERE 'customerName'='Smith';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ''Depositor' SET 'accountNumber' = 'A-4467' WHERE 'customerName'='Smi
MariaDB [BidvestBank]> UPDATE 'Depositor' SET 'accountNumber' = 'A-4467' WHERE 'customerName' = 'Smith';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ''Depositor' SET 'accountNumber' = 'A-4467' WHERE 'customerName' = 'S
1
MariaDB [BidvestBank]> UPDATE Depositor SET accountNumber = 'A-4467' WHERE customerName = 'Smith';
Query OK, 1 row affected (0.30 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [BidvestBank]> Insert into Depositor values('Dlamini','A-2542');
Query OK, 1 row affected (0.11 sec)

MariaDB [BidvestBank]>
```

## Employee Table

```

MariaDB [BidvestBank]> Insert into Employee values('Modise', 'Sunnyside',1500);
Query OK, 1 row affected (0.13 sec)

MariaDB [BidvestBank]> ALTER TABLE Employee AUTO_INCREMENT = 1;
Query OK, 0 rows affected (0.49 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> Insert into Employee values('Brown','Sunnyside',1300);
Query OK, 1 row affected (0.12 sec)

MariaDB [BidvestBank]> Insert into Employee values('Gopal', 'Sunnyside',5300);
Query OK, 1 row affected (0.13 sec)

MariaDB [BidvestBank]> Insert into Employee values('Johnson','Newtown',1500);
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Employee values('Loreena','Newtown',1300);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
MySQL server version for the right syntax to use near '1300)' at line 1
MariaDB [BidvestBank]> Insert into Employee values('Loreena','Newtown',1300);
Query OK, 1 row affected (0.15 sec)

MariaDB [BidvestBank]> Insert into Employee values('Peterson','Newtown',2500);
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Employee values('Rao','Austin',1500);
Query OK, 1 row affected (0.04 sec)

MariaDB [BidvestBank]> Insert into Employee values('Sato','Austin',1600);
Query OK, 1 row affected (0.11 sec)

```

## Loan Table

```

MariaDB [BidvestBank]> ALTER TABLE Loan AUTO_INCREMENT = 1;
Query OK, 0 rows affected (0.26 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [BidvestBank]> Insert into Loan values('L-11','Mamelodi',900);
Query OK, 1 row affected (0.10 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-14','Newtown',1500);
Query OK, 1 row affected (0.13 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-15','Sunnyside',1500);
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-16','Sunnyside',1300);
Query OK, 1 row affected (0.14 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-17','Newtown',1000);
Query OK, 1 row affected (0.06 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-23','Universitas',2000);
Query OK, 1 row affected (0.09 sec)

MariaDB [BidvestBank]> Insert into Loan values('L-93','Mabopane',500);
Query OK, 1 row affected (0.11 sec)

```

Number 4

i.

```
MariaDB [BidvestBank]> 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 (0.18 sec)
```

ii.

```
MariaDB [BidvestBank]> SELECT customerName FROM Customer WHERE customerCity = "Johannesburg";
+-----+
| customerName |
+-----+
| Brooks       |
+-----+
1 row in set (0.07 sec)
```

iii.

```
MariaDB [BidvestBank]> SELECT * FROM Employee WHERE not branchName ="Newtown" and salary >1500;
+-----+-----+-----+
| employeeName | branchName | salary |
+-----+-----+-----+
| Gopal        | Sunnyside  | 5300   |
| Sato         | Austin     | 1600   |
+-----+-----+-----+
2 rows in set (0.07 sec)
```

iv.

```
MariaDB [BidvestBank]> SELECT avg(salary) as "avgSalary" FROM Employee;
+-----+
| avgSalary |
+-----+
| 2062.5    |
+-----+
1 row in set (0.23 sec)
```

v.

```
MariaDB [BidvestBank]> SELECT branchName ,max(assets) FROM BankBranch;
+-----+-----+
| branchName | max(assets) |
+-----+-----+
| Amanzimtoti | 9000000    |
+-----+-----+
1 row in set (0.09 sec)
```

Number 5

i.

```
MariaDB [BidvestBank]> SELECT * FROM Employee WHERE branchName = "Sunnyside";
+-----+-----+-----+
| employeeName | branchName | salary |
+-----+-----+-----+
| Brown       | Sunnyside  | 1300   |
| Gopal       | Sunnyside  | 5300   |
| Modise      | Sunnyside  | 1500   |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

ii.

```
MariaDB [BidvestBank]> SELECT * FROM Borrower;
+-----+-----+
| customerName | loanNumber |
+-----+-----+
| Smith        | L-11       |
| Jackson      | L-14       |
| Johnson      | L-15       |
| Modise       | L-16       |
| Zwane        | L-17       |
| Smith        | L-23       |
| Jooste       | L-93       |
+-----+-----+
7 rows in set (0.08 sec)
```

iii.

```
MariaDB [BidvestBank]> SELECT accountNumber FROM CustomerAccount WHERE balance >900;
Empty set (0.00 sec)
```

iv.

```
MariaDB [BidvestBank]> SELECT accountNumber,balance FROM CustomerAccount WHERE branchName = "Newton" and balance > 600;
Empty set (0.05 sec)

MariaDB [BidvestBank]>
```

v.

```
MariaDB [BidvestBank]> SELECT branchName,assets FROM BankBranch;
+-----+-----+
| branchName | assets |
+-----+-----+
| Amanzimtoti | 300000 |
| Belgravia   | 3700000 |
| Mabopane    | 400000 |
| Mamelodi    | 8000000 |
| Midrand     | 7100000 |
| Newtown     | 9000000 |
| Sunnyside   | 1700000 |
| Unuversitas | 2100000 |
+-----+-----+
8 rows in set (0.05 sec)

MariaDB [BidvestBank]>
```