



## DBMS EXPERIMENT-20:

Create a Table a **bank** and the details are

S.No	Cust_Name	Acc_no	Balance	Cus_Branch
1	Ramesh	12378	100000	Adyar
2	Samran	12367	152500	Mylapore
3	Hari	12345	250000	Anna Salai

Perform the following:

- Simple Select \*Select with **where** clause \*Select with **comparison operator** >
- Select with **between** in the field **Balance** \*Update the **Cus\_Branch** in the second row as **Pon** \* find out the maximum balance \* Drop the table

## OUTPUT:

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 28
Server version: 8.0.31 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database bank3;
Query OK, 1 row affected (0.01 sec)

mysql> use bank3;
Database changed
mysql> create table bank(sno int(10),cust_name char(20),acc_no int(10),balance int(20),cus_branch char(10));
Query OK, 0 rows affected, 3 warnings (0.03 sec)

mysql> desc bank;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| cust_name | char(20) | YES  |     | NULL    |       |
| acc_no | int  | YES  |     | NULL    |       |
| balance | int  | YES  |     | NULL    |       |
| cus_branch | char(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> insert into bank values (1,'ramesh',
-> 12378,100000,'adyar');
Query OK, 1 row affected (0.01 sec)

mysql> insert into bank values (2,'samran',12367,152500);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into bank values (2,'samran',12367,152500,'mylapore');
Query OK, 1 row affected (0.00 sec)

mysql> insert into bank values (3,'hari',12345,250000,'anna salai');
Query OK, 1 row affected (0.00 sec)

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| sno | cust_name | acc_no | balance | cus_branch |
+-----+-----+-----+-----+-----+
| 1   | ramesh   | 12378 | 100000 | adyar      |
| 2   | samran   | 12367 | 152500 | mylapore   |
| 3   | hari     | 12345 | 250000 | anna salai |
+-----+-----+-----+-----+-----+
```

```

mysql> select * from bank where balance between 1000 and 100000;
+----+-----+-----+-----+-----+
| sno | cust_name | acc_no | balance | cus_branch |
+----+-----+-----+-----+-----+
| 1 | ramesh | 12378 | 100000 | adyar |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> update table bank
-> set cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank
set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1193 (HY000): Unknown system variable 'cus_branch'
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update bank
-> set
-> where
-> cus_branch='Pon'
-> where
-> cus_branch='mylapore';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> select max of balance from bank;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'of
balance from bank' at line 1
mysql> select max(balance) from bank;
+-----+
| max(balance) |
+-----+
| 250000 |
+-----+
1 row in set (0.01 sec)

```

```

mysql> set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1193 (HY000): Unknown system variable 'cus_branch'
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update table bank set
cus_branch='pon' where cus_branch='mylapore';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tab
le bank set cus_branch='pon' where cus_branch='mylapore' at line 1
mysql> update bank
-> set
-> where
-> cus_branch='Pon'
-> where
-> cus_branch='mylapore';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> select max of balance from bank;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'of
balance from bank' at line 1
mysql> select max(balance) from bank;
+-----+
| max(balance) |
+-----+
| 250000 |
+-----+
1 row in set (0.01 sec)

mysql> drop table bank;
Query OK, 0 rows affected (0.01 sec)

mysql> select * from bank;
ERROR 1146 (42S02): Table 'bank3.bank' doesn't exist
mysql>

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```

mysql> insert into bank values (2,'samran',12367,152500,'mylapore');
Query OK, 1 row affected (0.00 sec)

mysql> insert into bank values (3,'hari',12345,250000,'anna salai');
Query OK, 1 row affected (0.00 sec)

mysql> select * from bank;
+----+-----+-----+-----+-----+
| sno | cust_name | acc_no | balance | cus_branch |
+----+-----+-----+-----+-----+
| 1 | ramesh | 12378 | 100000 | adyar |
| 2 | samran | 12367 | 152500 | mylapore |
| 3 | hari | 12345 | 250000 | anna salai |
+----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from bank where name='samran';
ERROR 1064 (42S22): Unknown column 'name' in 'where clause'
mysql> select * from bank where cust_name='samran';
+----+-----+-----+-----+-----+
| sno | cust_name | acc_no | balance | cus_branch |
+----+-----+-----+-----+-----+
| 2 | samran | 12367 | 152500 | mylapore |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from bank where bank balance>10000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'bal
ance>10000' at line 1
mysql> select * from bank where balance>10000;
+----+-----+-----+-----+-----+
| sno | cust_name | acc_no | balance | cus_branch |
+----+-----+-----+-----+-----+
| 1 | ramesh | 12378 | 100000 | adyar |
| 2 | samran | 12367 | 152500 | mylapore |
| 3 | hari | 12345 | 250000 | anna salai |
+----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from bank where balance 1000 and 1000000000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '100
0 and 1000000000' at line 1
mysql> select * from bank where balance 1000 and 100000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '100
0 and 100000' at line 1
mysql> select * from bank where balance 100000 and 200000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '100
000 and 200000' at line 1
mysql> select * from bank where balance between 1000 and 100000;

```