

SQL PROGRAM FOR BANK

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

S. No	Cust Name	Acc_no	Balance	Cus_Branch
1	Ramesh	12378	100000	Adyar
2	Sam	12367	152500	Mylapore
3	Harish	12345	250000	Anna Salai

```
MySQL 5.5 Command Line Cli x + v
mysql> use bank;
Database changed
mysql> create table bank(S_No int,Cust_Name varchar(20),Acc_no int,Balance i
nt,Cus_Branch varchar(20));
ERROR 1050 (42S01): Table 'bank' already exists
mysql> insert into bank values (1,'Ramesh',12378,100000,'Adyar'),(2,'Sam',12
367,152500,'Mylapore'),(3,'Harish',12345,250000,'Anna Salai');
Query OK, 3 rows affected (0.00 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_No | Cust_Name | Acc_no | Balance | Cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 3 | Harish | 12345 | 250000 | Anna Salai |
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 3 | Harish | 12345 | 250000 | Anna Salai |
+-----+-----+-----+-----+-----+
6 rows in set (0.02 sec)
```

- Simple Select

```
mysql> select * from bank where cust_name = 'ramesh';
+-----+-----+-----+-----+-----+
| S_No | Cust_Name | Acc_no | Balance | Cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 1 | Ramesh | 12378 | 100000 | Adyar |
+-----+-----+-----+-----+-----+
2 rows in set (0.03 sec)
```

- Select with **where** clause
- Select with comparison operator >

```
MySQL 5.5 Command Line Cli x + v
mysql> select * from bank where balance > 20000;
+-----+-----+-----+-----+-----+
| S_No | Cust_Name | Acc_no | Balance | Cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 3 | Harish | 12345 | 250000 | Anna Salai |
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 3 | Harish | 12345 | 250000 | Anna Salai |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

- Select with **between** in the field **Balance**

```
mysql> select * from bank where balance between 100000 and 200000 ;
+-----+-----+-----+-----+-----+
| S_No | Cust_Name | Acc_no | Balance | Cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
+-----+-----+-----+-----+-----+
4 rows in set (0.02 sec)
```

- Update the **Cus_Branch** in the second row as **Poonamallee**

```
mysql> UPDATE bank SET Cus_Branch = 'Poonamallee' WHERE Acc_no = 12367;
Query OK, 0 rows affected (0.04 sec)
Rows matched: 2 Changed: 0 Warnings: 0

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_No | Cust_Name | Acc_no | Balance | Cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Poonamallee |
| 3 | Harish | 12345 | 250000 | Anna Salai |
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Poonamallee |
| 3 | Harish | 12345 | 250000 | Anna Salai |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

RESULT:

These commands assume you are using a database management system (such as MySQL or PostgreSQL) to execute the queries.