

Write a code for connecting JDBC to MySql and execute to display the table?

### SQL CODE:

```
CREATE DATABASE ATM;
```

```
USE ATM;
```

```
CREATE TABLE ACCOUNT(
```

```
ID INT PRIMARY KEY,
```

```
ATM_PIN INT,
```

```
BANK_NAME VARCHAR(30)
```

```
);
```

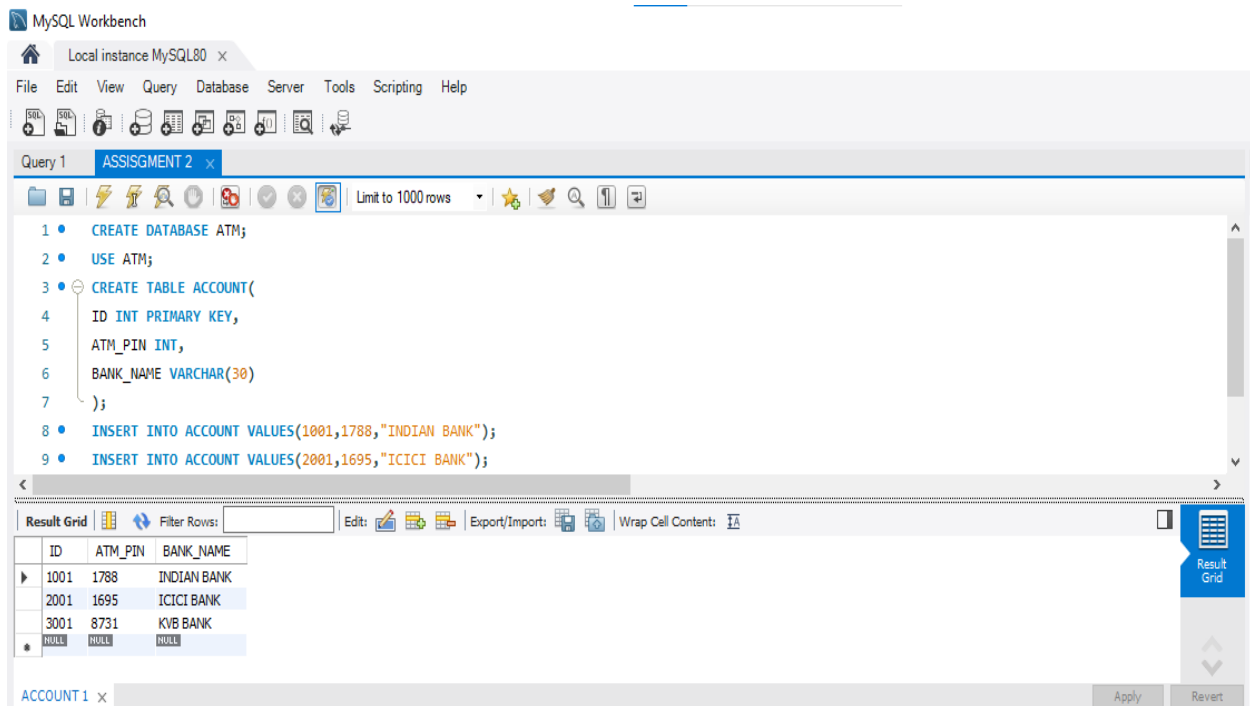
```
INSERT INTO ACCOUNT VALUES(1001,1788,"INDIAN BANK");
```

```
INSERT INTO ACCOUNT VALUES(2001,1695,"ICICI BANK");
```

```
INSERT INTO ACCOUNT VALUES(3001,8731,"KVB BANK");
```

```
SELECT * FROM ACCOUNT;
```

### OUTPUT FOR SQL:



The screenshot displays the MySQL Workbench interface. The top toolbar includes icons for file operations, query execution, and database management. The main query editor shows the following SQL code:

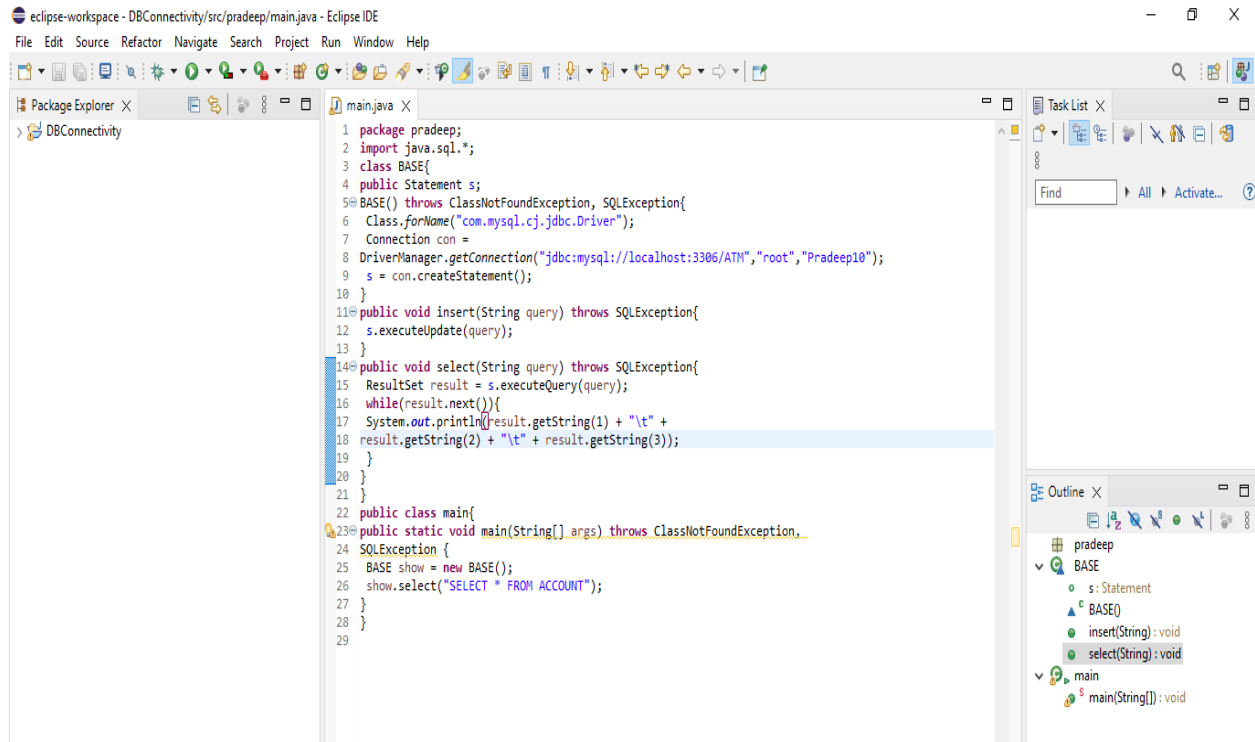
```
1 • CREATE DATABASE ATM;
2 • USE ATM;
3 • CREATE TABLE ACCOUNT(
4   ID INT PRIMARY KEY,
5   ATM_PIN INT,
6   BANK_NAME VARCHAR(30)
7 );
8 • INSERT INTO ACCOUNT VALUES(1001,1788,"INDIAN BANK");
9 • INSERT INTO ACCOUNT VALUES(2001,1695,"ICICI BANK");
```

Below the query editor, the 'Result Grid' tab is active, showing the output of the SQL execution. The table has three columns: ID, ATM\_PIN, and BANK\_NAME. The data rows are as follows:

ID	ATM_PIN	BANK_NAME
1001	1788	INDIAN BANK
2001	1695	ICICI BANK
3001	8731	KVB BANK
NULL	NULL	NULL

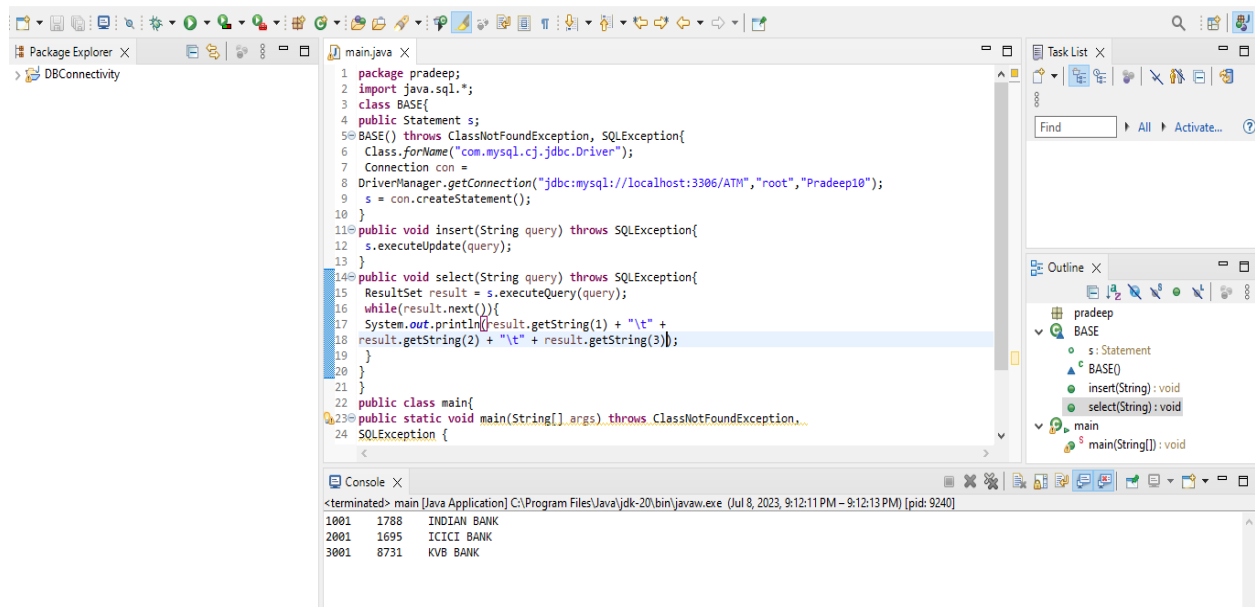
The bottom status bar indicates the current table is 'ACCOUNT 1' and provides 'Apply' and 'Revert' buttons.

## CONNECTING JDBC:



```
1 package pradeep;
2 import java.sql.*;
3 class BASE{
4     public Statement s;
5     BASE() throws ClassNotFoundException, SQLException{
6         Class.forName("com.mysql.cj.jdbc.Driver");
7         Connection con =
8         DriverManager.getConnection("jdbc:mysql://localhost:3306/ATM","root","Pradeep10");
9         s = con.createStatement();
10    }
11    public void insert(String query) throws SQLException{
12        s.executeUpdate(query);
13    }
14    public void select(String query) throws SQLException{
15        ResultSet result = s.executeQuery(query);
16        while(result.next()){
17            System.out.println(result.getString(1) + "\t" +
18            result.getString(2) + "\t" + result.getString(3));
19        }
20    }
21 }
22 public class main{
23     public static void main(String[] args) throws ClassNotFoundException,
24     SQLException {
25         BASE show = new BASE();
26         show.select("SELECT * FROM ACCOUNT");
27     }
28 }
29 }
```

## OUTPUT:



```
<terminated> main [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (Jul 8, 2023, 9:12:11 PM - 9:12:13 PM) [pid: 9240]
1001    1788    INDIAN BANK
2001    1695    ICICI BANK
3001    8731    KVB BANK
```