

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(11,1763,"INDIAN BANK");
```

```
INSERT INTO ACCOUNT VALUES(21,1690,"IOB BANK");
```

```
INSERT INTO ACCOUNT VALUES(31,8745,"SBI BANK");
```

```
SELECT * FROM ACCOUNT;
```

### OUTPUT FOR SQL:

The screenshot displays the MySQL Workbench interface. The top toolbar includes icons for File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The main editor window 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(11,1763,"INDIAN BANK");
9 INSERT INTO ACCOUNT VALUES(21,1690,"IOB BANK");
10 INSERT INTO ACCOUNT VALUES(31,8745,"SBI BANK");
11 SELECT * FROM ACCOUNT;
```

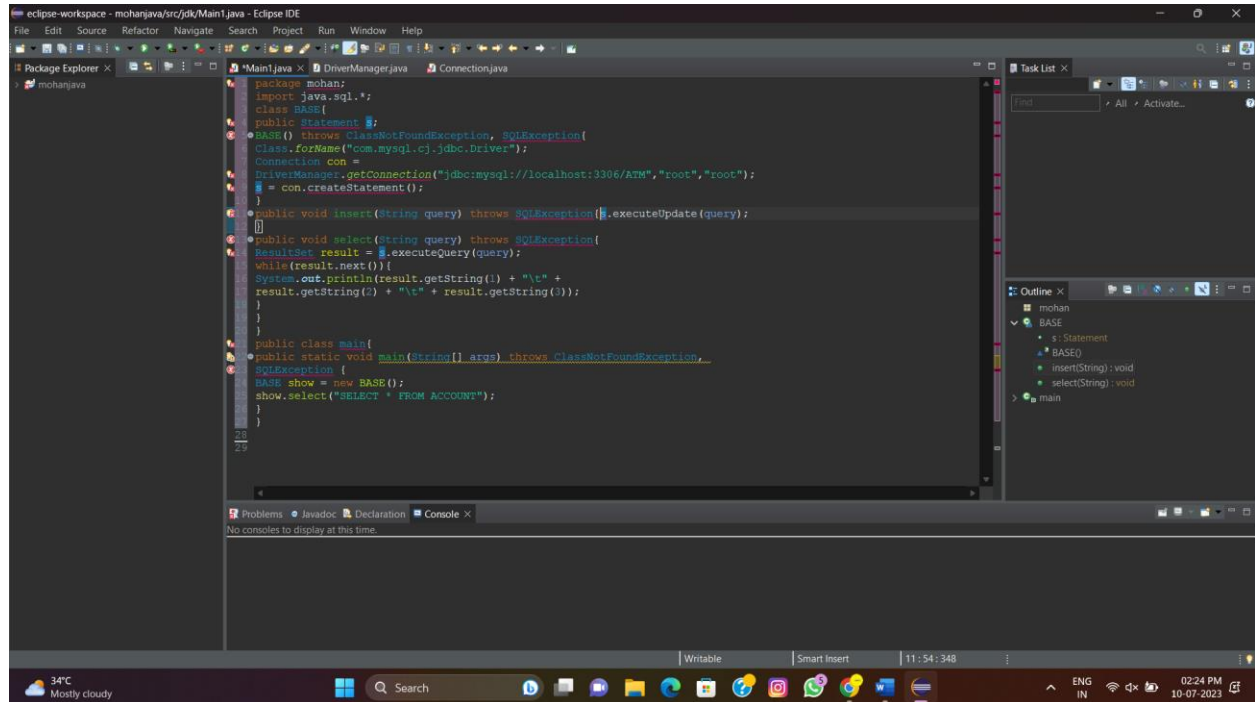
Below the editor, the 'Result Grid' tab is active, showing the output of the SQL queries. The results are as follows:

ID	ATM_PIN	BANK_NAME
11	1763	INDIAN BANK
21	1690	IOB BANK
31	8745	SBI BANK

The 'Output' tab at the bottom shows the execution log for 'ACCOUNT 1'. It lists the actions performed, the messages, and the duration of each query.

#	Time	Action	Message	Duration / Fetch
2	14:20:39	USE ATM	0 row(s) affected	0.000 sec
3	14:20:39	CREATE TABLE ACCOUNT( ID INT PRIMARY KEY, ATM_PIN INT, BANK_NAME VARCHAR(30) )	0 row(s) affected	0.032 sec
4	14:20:39	INSERT INTO ACCOUNT VALUES(11,1763,"INDIAN BANK")	1 row(s) affected	0.000 sec
5	14:20:39	INSERT INTO ACCOUNT VALUES(21,1690,"IOB BANK")	1 row(s) affected	0.015 sec
6	14:20:39	INSERT INTO ACCOUNT VALUES(31,8745,"SBI BANK")	1 row(s) affected	0.000 sec
7	14:20:39	SELECT * FROM ACCOUNT LIMIT 0.1000	3 row(s) returned	0.000 sec / 0.000 sec

## CONNECTING JDBC:



```
package mohan;
import java.sql.*;
class BASE{
    public Statement s;
    BASE() throws ClassNotFoundException, SQLException{
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/ATM","root","root");
        s = con.createStatement();
    }
    public void insert(String query) throws SQLException{
        s.executeUpdate(query);
    }
    public void select(String query) throws SQLException{
        ResultSet result = s.executeQuery(query);
        while(result.next()){
            System.out.println(result.getString(1) + "\t" +
            result.getString(2) + "\t" + result.getString(3));
        }
    }
}
public class main{
```

```
public static void main(String[] args) throws ClassNotFoundException,  
SQLException {  
    BASE show = new BASE();  
    show.select("SELECT * FROM ACCOUNT");  
}  
}
```