

```
CREATE DATABASE BANK;
```

```
USE BANK;
```

```
CREATE TABLE ATM (
```

```
    ATMNAME VARCHAR(50),
```

```
    USERNAME VARCHAR(50),
```

```
    PIN VARCHAR(50),
```

```
    MOBILE INT(45)
```

```
);
```

```
DESCRIBE ATM;
```

```
INSERT INTO ATM (ATMNAME, USERNAME, PIN, MOBILE) VALUES ('Indian', 'Jaga', '045565',  
1234324256);
```

```
INSERT INTO ATM (ATMNAME, USERNAME, PIN, MOBILE) VALUES ('National', 'Raj', '583459',  
23487397);
```

```
INSERT INTO ATM (ATMNAME, USERNAME, PIN, MOBILE) VALUES ('IOB', 'Guru', '962644', 82247342);
```

```
SELECT * FROM ATM;
```

```

package com.jdbc;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

public class Main {
    public static void main(String[] args) throws ClassNotFoundException,
SQLException {
        insert();
        select();
    }

    static void insert() throws ClassNotFoundException, SQLException {
        Class.forName("com.mysql.cj.jdbc.Driver");
        System.out.println("connect");

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/BANK", "root",
"Jagatheesh@24");

        System.out.println("statement connect created");

        String insertQuery = "INSERT INTO ATM (ATMNAME, USERNAME, PIN,
MOBILE) VALUES (?, ?, ?, ?)";
        PreparedStatement pstmt = con.prepareStatement(insertQuery);
        pstmt.setString(1, "sbi");
        pstmt.setString(2, "mani");
        pstmt.setString(3, "989898");
        pstmt.setString(4, "565466");

        int r = pstmt.executeUpdate();

        System.out.println("VALUE WAS INSERTED");
    }

    public static void select() throws ClassNotFoundException, SQLException
{
        Class.forName("com.mysql.cj.jdbc.Driver");
        System.out.println("connect");

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/BANK",
"root", "Jagatheesh@24");
        Statement s = con.createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM ATM");

        while (rs.next()) {
            for (int i = 1; i <= rs.getMetaData().getColumnCount(); i++) {

                System.out.println(rs.getString(i));
            }
        }
    }
}

```

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

bank

Tables

Views

Stored Proc

Functions

bookdb

company

demo

Administration

Information

No object selected

Assignment 1 SQL* SQL File 3*

Limit to 1000 rows

SQL

CREATE TABLE ATM (

ATMNAME VARCHAR(50),

USERNAME VARCHAR(50),

PIN VARCHAR(50),

MOBILE INT(45)

);

DESCRIBE ATM;

Result Grid

Filter Rows:

Export: Wrap Cell Content: [X]

Field	Type	Null	Key	Default	Extra
ATMNAME	varchar(50)	YES			
USERNAME	varchar(50)	YES			
PIN	varchar(50)	YES			
MOBILE	int	YES			

Result 3

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	20:36:20	CREATE TABLE ATM (ATMNAME VARCHAR(50), USERNAME VARCHAR(50), PIN VARCHAR(50), MOBILE...	0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release.	0.016 sec
13	20:36:38	CREATE TABLE ATM (ATMNAME VARCHAR(50), USERNAME VARCHAR(50), PIN VARCHAR(50), MOBILE...	Error Code: 1050 Table 'atm' already exists	0.000 sec
14	20:36:46	SELECT * FROM ATM LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	20:36:50	EXPLAIN DESCRIBE ATM	Error Code: 1064 You have an error in your SQL syntax; check the manual that corresponds to your MySQL server ver...	0.000 sec / 0.000 sec
16	20:36:53	DESCRIBE ATM	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

27°C Partly cloudy

Search

ENG IN 20:59 08-07-2023

Eclipse-workspace - New/src/com/jdbc/Main.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

New

JRE System Library [JavaSE-20]

src

com.jdbc

First

java.util

Referenced Libraries

mysql-connector-j-8.0.33.jar - C:\Users\jagat\OneDrive\Doc

Main.java

```

11= public static void main(String[] args) throws ClassNotFoundException, SQLException {
12=     insert();
13=     select();
14= }
15=
16= static void insert() throws ClassNotFoundException, SQLException {
17=     Class.forName("com.mysql.cj.jdbc.Driver");
18=     System.out.println("connect");
19=
20=     Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/BANK", "root", "Ja");
21=     System.out.println("statement connect created");
22=
23=     String insertQuery = "INSERT INTO ATM (ATMNAME, USERNAME, PIN, MOBILE) VALUES (?, ?, ?, ?)";
24=     PreparedStatement pstmt = con.prepareStatement(insertQuery);
25=     pstmt.setString(1, "sbi");
26=     pstmt.setString(2, "mani");
27=     pstmt.setString(3, "989898");
28=     pstmt.setString(4, "565466");
29=
30=     int i = pstmt.executeUpdate();
31=
32=     System.out.println("VALUE WAS INSERTED");
33= }
34=
35=
36= public static void select() throws ClassNotFoundException, SQLException {
37=     Class.forName("com.mysql.cj.jdbc.Driver");
38=     System.out.println("connect");
39=
40=     Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/BANK", "root", "Ja");
41=     Statement s = con.createStatement();

```

Task List

Find

All Activate...

Outline

com.jdbc

Main

main(String[]) : void

insert() : void

select() : void

Problems

JavaDoc

Declaration

Console

<terminated> Main [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (08-Jul-2023, 8:49:49 pm - 8:49:52 pm) [pid: 20888]

connect

statement connect created

VALUE WAS INSERTED

connect

sbi

mani

989898

565466

41:9:1464

27°C Partly cloudy

Search

ENG IN 20:58 08-07-2023