

## SQL QUERY:

USE ATM;

CREATE TABLE ATMCARDPIN(

USERNAME VARCHAR(20),

PASSWORD VARCHAR(10),

PAN\_NUMBER INT);

DESCRIBE ATMCARDPIN;

INSERT INTO ATMCARDPIN VALUES("NANDHU","NP@10",621210);

SELECT \* FROM ATMCARDPIN;

## OUTPUT:

The screenshot displays the MySQL Workbench interface. The 'Query Editor' window shows a series of SQL commands: `USE ATM;`, `CREATE TABLE ATMCARDPIN(`, `USERNAME VARCHAR(20),`, `PASSWORD VARCHAR(10),`, `PAN_NUMBER INT);`, `DESCRIBE ATMCARDPIN;`, `INSERT INTO ATMCARDPIN VALUES("NANDHU","NP@10",621210);`, and `SELECT * FROM ATMCARDPIN;`. The 'Result Grid' window shows the output of the `SELECT` query, displaying a single row with the values 'NANDHU', 'NP@10', and 621210. The 'Output' window shows the execution log, indicating that the `CREATE TABLE` statement affected 0 rows, `DESCRIBE` returned 3 rows, `INSERT` affected 1 row, and `SELECT` returned 1 row.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

atm

Tables

Views

Stored Procedures

Functions

sakila

sys

Query 1 x SQL File 3\*

1 • USE ATM;

2 • CREATE TABLE ATMCARDPIN(

3 • USERNAME VARCHAR(20),

4 • PASSWORD VARCHAR(10),

5 • PAN\_NUMBER INT);

6 • DESCRIBE ATMCARDPIN;

7 • INSERT INTO ATMCARDPIN VALUES("NANDHU","NP@10",621210);

8 • SELECT \* FROM ATMCARDPIN;

Limit to 1000 rows

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

USERNAME	PASSWORD	PAN_NUMBER
NANDHU	NP@10	621210

Administration Schemas

Information

No object selected

ATMCARDPIN 2 x

Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
2	20:34:12	CREATE TABLE ATMCARDPIN( USERNAME VARCHAR(20), PASSWORD VARCHAR(10)...	0 row(s) affected	0.188 sec
3	20:34:16	DESCRIBE ATMCARDPIN	3 row(s) returned	0.000 sec / 0.000 sec
4	20:34:28	INSERT INTO ATMCARDPIN VALUES("NANDHU","NP@10",621210)	1 row(s) affected	0.109 sec
5	20:34:33	SELECT * FROM ATMCARDPIN LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

29°C Mostly cloudy 20:34 08-07-2023

## CONNECTORS:

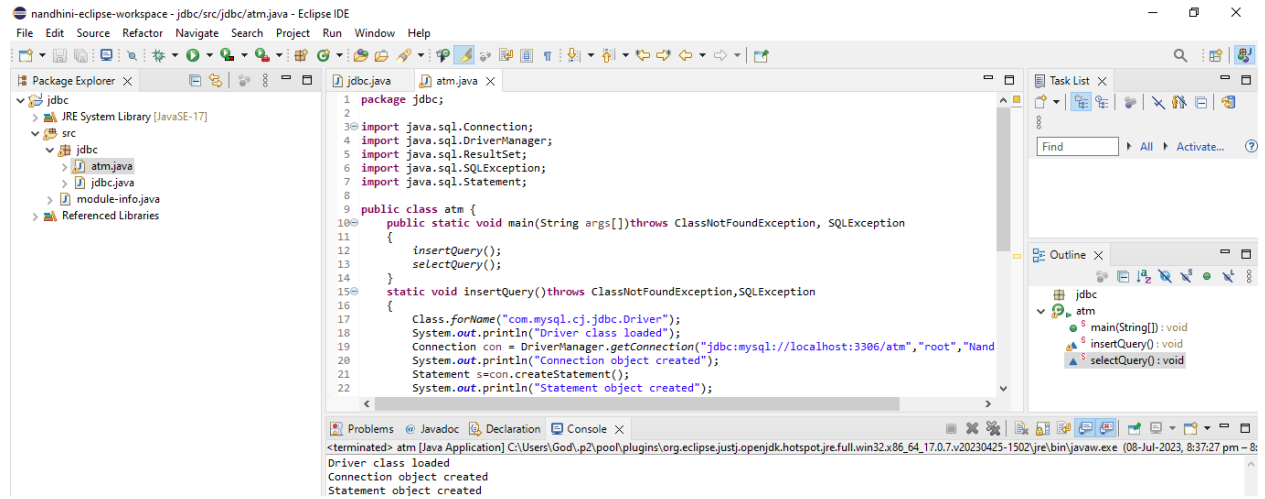
### PROGRAM:

```
package jdbc;

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

public class atm {
    public static void main(String args[])throws ClassNotFoundException,
    SQLException
    {
        insertQuery();
        selectQuery();
    }
    static void insertQuery()throws ClassNotFoundException,SQLException
    {
        Class.forName("com.mysql.cj.jdbc.Driver");
        System.out.println("Driver class loaded");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/atm","root","Nandhu@2020");
        System.out.println("Connection object created");
        Statement s=con.createStatement();
        System.out.println("Statement object created");
        int n=s.executeUpdate("INSERT INTO DETAILS(username,password,pan_number)
VALUES('NANDHU','10@NP',47386)");
        System.out.println("Values Inserted");
    }
    static void selectQuery()throws ClassNotFoundException,SQLException
    {
        Class.forName("com.mysql.cj.jdbc.Driver");
        System.out.println("Driver class loaded");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/atm","root","Nandhu@2020");
        System.out.println("Connection object created");
        Statement s=con.createStatement();
        System.out.println("Statement object created");
        ResultSet rs=s.executeQuery("Select * From details where
username='NANDHU'");
        while(rs.next())
        {
            System.out.println(rs.getString(2));
        }
    }
}
```

## OUTPUT:



The screenshot displays the Eclipse IDE interface with the following components:

- Package Explorer:** Shows the project structure with 'jdbc' as the main package, containing 'atm.java' and 'jdbc.java'.
- Source Editor:** Displays the code for 'atm.java' in the 'jdbc' package. The code includes imports for JDBC-related classes and a 'main' method that demonstrates connecting to a MySQL database, creating a statement, and executing queries.
- Task List:** Shows no tasks.
- Outline:** Lists the methods in the 'atm' class: 'main(String[]): void', 'insertQuery(): void', and 'selectQuery(): void'.
- Console:** Shows the output of the program execution, including the message '<terminated> atm [Java Application]' and the runtime logs: 'Driver class loaded', 'Connection object created', and 'Statement object created'.

```
1 package jdbc;
2
3 import java.sql.Connection;
4 import java.sql.DriverManager;
5 import java.sql.ResultSet;
6 import java.sql.SQLException;
7 import java.sql.Statement;
8
9 public class atm {
10     public static void main(String args[]) throws ClassNotFoundException, SQLException
11     {
12         insertQuery();
13         selectQuery();
14     }
15     static void insertQuery() throws ClassNotFoundException, SQLException
16     {
17         Class.forName("com.mysql.cj.jdbc.Driver");
18         System.out.println("Driver class loaded");
19         Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/atm", "root", "Nand
20         System.out.println("Connection object created");
21         Statement s=con.createStatement();
22         System.out.println("Statement object created");
23     }
24 }
```

<terminated> atm [Java Application] C:\Users\God\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64.17.0.7.v20230425-1502\jre\bin\javaw.exe (08-Jul-2023, 8:37:27 pm - 8:37:27 pm)

Driver class loaded  
Connection object created  
Statement object created