

# ECLIPSE ASSIGNMENT 1

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CREATE DATABASE CUSTOMER;

USE CUSTOMER;

CREATE TABLE ATM (

Customer id INT PRIMARY KEY,

name VARCHAR (50),

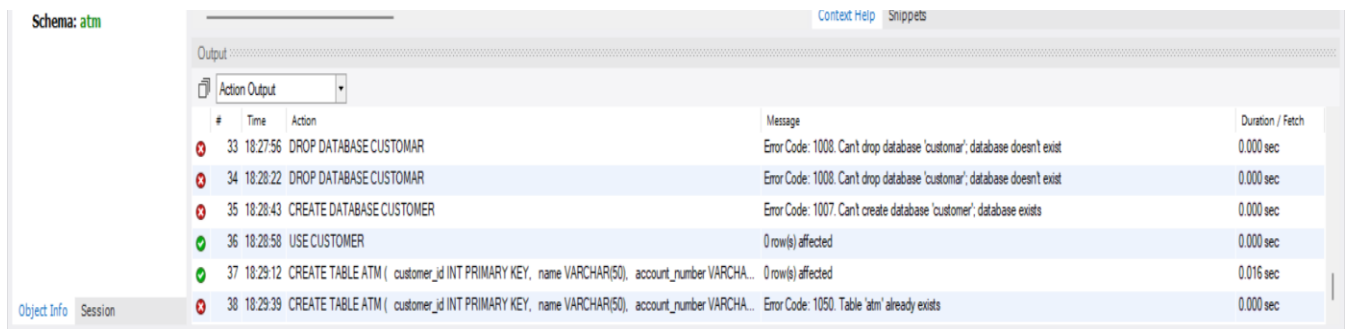
account number VARCHAR (10),

pin VARCHAR (4),

balance DECIMAL (10, 2)

);

## OUTPUT:



The screenshot shows the Eclipse IDE interface with a schema named 'atm'. The 'Output' window displays the results of SQL execution. The 'Action Output' tab is selected, showing a table with columns: #, Time, Action, Message, and Duration / Fetch. The table contains six rows of execution logs, including errors for dropping and creating the database, and successful messages for using the database and creating the table.

#	Time	Action	Message	Duration / Fetch
33	18:27:56	DROP DATABASE CUSTOMER	Error Code: 1008. Can't drop database 'customer'; database doesn't exist	0.000 sec
34	18:28:22	DROP DATABASE CUSTOMER	Error Code: 1008. Can't drop database 'customer'; database doesn't exist	0.000 sec
35	18:28:43	CREATE DATABASE CUSTOMER	Error Code: 1007. Can't create database 'customer'; database exists	0.000 sec
36	18:28:58	USE CUSTOMER	0 row(s) affected	0.000 sec
37	18:29:12	CREATE TABLE ATM ( customer_id INT PRIMARY KEY, name VARCHAR(50), account_number VARCHAR(10), pin VARCHAR(4), balance DECIMAL(10, 2))	0 row(s) affected	0.016 sec
38	18:29:39	CREATE TABLE ATM ( customer_id INT PRIMARY KEY, name VARCHAR(50), account_number VARCHAR(10), pin VARCHAR(4), balance DECIMAL(10, 2))	Error Code: 1050. Table 'atm' already exists	0.000 sec

# ECLIPSE

```
package jdbc1;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
import java.util.Scanner;
```

```
public class Main {
```

```
    public static void main(String[] args) throws ClassNotFoundException,SQLException {
```

```
        insert();
```

```
        select();
```

```
    }
```

```
    static void insert()throws ClassNotFoundException ,SQLException{
```

```
        //Scanner sc=new Scanner(System.in);
```

```
        Class.forName("com.mysql.cj.jdbc.Driver");
```

```
        System.out.println("connect");
```

```
        Connection con =
```

```
        DriverManager.getConnection("jdbc:mysql://localhost:3306/CUSTOMER", "root", "9100148001");
```

```
        Statement s = con.createStatement();
```

```

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

        int r = s.executeUpdate("insert into ATM(customer_id, name, account_number, pin,
balance) values(1, 'sai', '898989', '0000', '9000')");

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

        //int rowsDeleted = statement.executeUpdate(deleteQuery);

        //System.out.println(rowsDeleted + " rows deleted.");
    }

    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/CUSTOMER","root","9100148001");

        Statement s=con.createStatement();

        ResultSet rs =s.executeQuery("SELECT * FROM atm;");

        while (rs.next()) {

            // Iterate over each row in the result set

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

                // Iterate over each column in the current row

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

            }

        }

    }

}

```

## OUTPUT:



```

Javadoc Console X
<terminated> Main [Java Application] C:\Users\saira\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, 6:29:55 pm - 6:29:56 pm) [pid: 17220]
statement connect created
VALUE WAS INSERTED
connect
1
sai
898989
0000
9000.00

```

