Copy data from one db to another db according to table_name

Task 4:

Employee

eid	ename	ephone	Table_name
101	Jbk	124563	Analytics_Sec
102	Kiran	896578	Admin_Sec
103	Shweta	865478	HR_Sec
104	Shital	968574	Analytics_Sec
105	Vijay	963526	Admin_Sec

Write a java code to copy data from employee to the schema “Test2” tables i.e. Analytics_Sec,Admin_Sec & HR_Sec but table should be created using the Table_name column of Employee and duplicates tables are not allowed.

Schema “Test2”

Table:Analytics_Sec

id	name	phone
101	Jbk	124563
104	Shital	968574

Table:Admin_Sec

id	name	phone
102	Kiran	896578
105	Vijay	963526

Table: HR_Sec

eid	ename	ephone	Table_name
103	Shweta	865478	HR_Sec

Solution:-

Task 4

```
package com.jbk;


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


public class TaskExample4 {


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


		Class.forName("com.mysql.jdbc.Driver");
		Class.forName("com.mysql.jdbc.Driver");
	Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3309/test1", "root", "root");
	Connection conn1=DriverManager.getConnection("jdbc:mysql://localhost:3309/test2", "root", "root");
	conn.setAutoCommit(false);
```

```
conn1.setAutoCommit(false);

        String sql="select eid, ename, ephone,table_name from employee";
        Statement stmt=conn.createStatement();
        ResultSet rs=stmt.executeQuery(sql);
        //System.out.println(rs);

        while(rs.next())
                {
    String name = rs.getString("ename");
    String phone = rs.getString("ephone");
    String table = rs.getString("table_name");
    System.out.print(name+" ");
    System.out.print(phone+"  ");
    System.out.print(table+"  ");
    System.out.println();
    System.out.println("---------------");
    if(table.contains("Admin_Sec")) {

        String query="SELECT * FROM information_schema.tables
WHERE table_schema = 'test2' AND table_name = 'admin_sec'";
        Statement stmt1 = conn1.createStatement();
        ResultSet resultset=stmt1.executeQuery(query);
        if(resultset.next())
        {
```

```
                String sql1="insert into admin_sec (name,phone) values
('"+name+"','"+phone+"')";
                Statement stmt2 = conn1.createStatement();
                stmt2.executeUpdate(sql1);
            }
            else
            {
                String query1="create table admin_sec ( id int(10) PRIMARY
KEY, name varchar (45) NOT NULL,phone varchar(45))";
                Statement stmt3 = conn1.createStatement();
                stmt3.executeUpdate(query1);
          }

        }
          else if(table.contains("HR_Sec")){
              String query="SELECT * FROM information_schema.tables
WHERE table_schema = 'test2' AND table_name = 'hr_sec'";
            Statement stmt_123 = conn1.createStatement();
            ResultSet resultset=stmt_123.executeQuery(query);
            if(resultset.next())
            {
                String sql1="insert into hr_sec (name,phone) values
('"+name+"','"+phone+"')";
            Statement stmt1 = conn1.createStatement();
            stmt1.executeUpdate(sql1);
```

```
                }
                else
                {
                        String query1="create table hr_sec ( id int(10) PRIMARY
KEY, name varchar (45) NOT NULL,phone varchar(45))";
                Statement stmt3 = conn1.createStatement();
                stmt3.executeUpdate(query1);
                }


            }
              else if(table.contains("Analytics_Sec")){
                String query="SELECT * FROM information_schema.tables
WHERE table_schema = 'test2' AND table_name = 'analytics_sec'";
                        Statement stmt_123 = conn1.createStatement();
                        ResultSet resultset=stmt_123.executeQuery(query);
                        if(resultset.next())
                        {
                        String sql1="insert into analytics_sec (name,phone) values
('"+name+"','"+phone+"')";
                        Statement stmt1 = conn1.createStatement();
                        stmt1.executeUpdate(sql1);
                        }
                        else
                        {
                                String query1="create table analytics_sec( id int(10)
PRIMARY KEY, name varchar (45) NOT NULL,phone varchar(45))";
```

```
                Statement stmt3 = conn1.createStatement();
            stmt3.executeUpdate(query1);
            }

        }
      else if(table.contains("Marketing_Sec"))
      {
        String query="SELECT * FROM information_schema.tables
WHERE table_schema = 'test2' AND table_name = 'marketing_sec'";
        Statement stmt_123 = conn1.createStatement();
        ResultSet resultset=stmt_123.executeQuery(query);
        if(resultset.next())
        {
        String sql1="insert into marketing_sec (name,phone) values
('"+name+"','"+phone+"')";
        Statement stmt1 = conn1.createStatement();
        stmt1.executeUpdate(sql1);
        }
        else
        {
            String query1="create table marketing_sec( id int(10)
PRIMARY KEY AUTO_INCREMENT, name varchar (45) NOT NULL,phone
varchar(45))";
            Statement stmt3 = conn1.createStatement();
        stmt3.executeUpdate(query1);
        }
      }
```

```
            conn1.commit();
        }
        System.out.println("Data Send Successfully");
    }
}
```