1. Create Table

import java.sql.\*;

public class CreateTable {

public static void main(String[] args) {

try {

//1. Register the driver

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

try (

//2. establish connection by con object

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/sys","root","sql@22")) {

System.out.println("Connection established");

//3. Create the statement object which is used to execute query in database

Statement st = con.createStatement();

//4. Execute query

int i=st.executeUpdate("create table emp (id int, Name Varchar(20))");

//Check if query is successfully executed

if (i==0) {

System.out.println("Table created");

} else {

System.out.println("Table Not created");

}

//5.close the connection

con.close();

}

} catch (Exception e) {

System.out.println(e);

}

}

}

2. Insert record into Table

import java.sql.\*;

public class InsertTable {

public static void main(String[] args) {

try {

//1. Register the driver

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

try ( //2. establish connection by con object

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cb8\_db","root","")) {

System.err.println("Connection established");

//3. Create the statement object which is

//used to execute query in database

Statement st = con.createStatement();

//4. Execute query

st.executeUpdate("insert into emp values(1, 'Harsh')");

int i=st.executeUpdate("insert into emp values(2, 'Jeet')");

if (i==0) {

System.out.println("Table Not updated");

} else {

System.out.println("Table updated");

}

//5.close the connection

}

} catch (ClassNotFoundException | SQLException e) {

System.out.println(e);

}

}

}

3. Display Record from Table

import java.sql.\*;

public class MyJDBCDemo1 {

public static void main(String[] args) throws Exception

{

// Register the driver

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

//Loading the driver & connection extablishment

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/CB8\_DB", "root","");

System.out.println("Connection Established");

// To create stmt to excecute sql queries

Statement st = con.createStatement();

//Execute query and store the retieved table in Result set

ResultSet rs = st.executeQuery("Select \* from student");

int i=0;

while(rs.next())

{

System.out.println(rs.getInt(1) + " " + rs.getString("Name"));

i++;

}

System.out.println("No. of rows retrieved : "+i);

//Close the connection

con.close();

System.out.println("Connection Closed");

}

}

4. Update Table

import java.sql.\*;

public class UpdateTable {

public static void main(String[] args) {

try {

//1. Register the driver

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

try ( //2. establish connection by con object

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cb8\_db","root","")) {

System.err.println("Connection established");

//3. Create the statement object which is

//used to execute query in database

Statement st = con.createStatement();

//4. Execute query

int i = st.executeUpdate("UPDATE emp SET id=5 WHERE name = 'Sitanshu' ");

if (i==0) {

System.out.println("Table Not updated");

} else {

System.out.println("Table updated with " + i + " rows ");

}

//5.close the connection

}

} catch (ClassNotFoundException | SQLException e) {

System.out.println(e);

}

}

}

5. Delete Table

import java.sql.\*;

public class DeleteTable {

public static void main(String[] args) {

try {

//1. Register the driver

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

try ( //2. establish connection by con object

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cb8\_db","root","")) {

System.err.println("Connection established");

//3. Create the statement object which is

//used to execute query in database

Statement st = con.createStatement();

//4. Execute query

int i = st.executeUpdate("delete from emp WHERE name = 'Sitanshu' ");

if (i==0) {

System.out.println("Table Not updated");

} else {

System.out.println("Table updated with " + i + " rows ");

}

//5.close the connection

}

} catch (ClassNotFoundException | SQLException e) {

System.out.println(e);

}

}

}