//To create connection and create table for Mysql

import java.sql.\*;

public class MysqlCreate{

public static void main(String arg[])

{

try {

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

Connection connection = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/mydb",

"admin", "password");

Statement stmt = connection.createStatement();

String sql = "CREATE TABLE emp1 " +

"(id INTEGER not NULL, " +

" name VARCHAR(255), " +

" PRIMARY KEY ( id ))";

stmt.executeUpdate(sql);

System.out.println("Created table in given database...");

}

catch (Exception exception) {

System.out.println(exception);

}

}

}

//Insertion

import java.sql.\*;

public class MysqlInsert{

public static void main(String arg[])

{

try {

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

Connection connection = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/mydb",

"admin", "password");

Statement stmt = connection.createStatement();

String sql = "INSERT INTO emp1 VALUES (1, 'Sumanth')";

stmt.executeUpdate(sql);

System.out.println("Data inserted...");

}

catch (Exception exception) {

System.out.println(exception);

}

}

}

//Retrieving

import java.sql.\*;

public class MysqlGet{

public static void main(String arg[])

{

try {

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

Connection connection = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/mydb",

"admin", "password");

Statement statement;

statement = connection.createStatement();

ResultSet resultSet;

resultSet = statement.executeQuery(

"select \* from emp");

int code;

String title;

while (resultSet.next()) {

code = resultSet.getInt("id");

title = resultSet.getString("name").trim();

System.out.println("id: " + code

+ " name : " + title);

}

resultSet.close();

statement.close();

connection.close();

}

catch (Exception exception) {

System.out.println(exception);

}

}

}

//update

import java.sql.\*;

public class MysqlUpdate{

public static void main(String arg[])

{

try {

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

Connection connection = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/mydb",

"admin", "password");

Statement statement;

statement = connection.createStatement();

ResultSet resultSet;

String sql = "UPDATE emp1 " +

"SET name = 'sumanth' WHERE id = 100";

statement.executeUpdate(sql);

resultSet = statement.executeQuery(

"select \* from emp1");

int code;

String title;

while (resultSet.next()) {

code = resultSet.getInt("id");

title = resultSet.getString("name").trim();

System.out.println("id: " + code

+ " name : " + title);

}

resultSet.close();

statement.close();

connection.close();

}

catch (Exception exception) {

System.out.println(exception);

}

}

}