package com.dbt.java;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Scanner;

public class DbConnection

{

public static void main(String[] args)

{

try {

int ch;

Scanner sc=new Scanner(System.in);

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

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

Statement stmt = con.createStatement();

do

{

System.out.println("1.INSERT");

System.out.println("2.SELECT");

System.out.println("3.DELETE");

System.out.println("4.UPDATE");

System.out.println("5.EXIT\n");

System.out.println("Enter choice : ");

ch=sc.nextInt();

switch(ch)

{

case 1:

/\*String p;

String pname;

String colour;

int weight;

String city;

System.out.println("Enter P,pname,colour,weight,city");

p=sc.next();

pname=sc.next();

colour=sc.next();

weight=sc.nextInt();

city=sc.next();\*/

String query="insert into PARTS values('P9','Cyl','Gold',4,'Jamner')";

//String query="insert into PARTS values(p,pname,colour,weight,city)";

int updateRowCount = stmt.executeUpdate(query);

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

break;

case 2:

ResultSet rs = stmt.executeQuery("select \* from PARTS");

while(rs.next())

{

System.out.println(rs.getString(1));

System.out.println(rs.getString(2));

System.out.println(rs.getString(3));

System.out.println(rs.getString(4));

System.out.println(rs.getString(5)+"\n-----------------");

}

break;

case 3:

//String query1 ="delete from PARTS where city IS NULL";

String query1 ="delete from PARTS where city='Jamner'";

int rs2 = stmt.executeUpdate(query1);

System.out.println("Row deleted....");

break;

case 4:

String query2 ="update PARTS set city='Amaravati' where p='p9'";

int rs3 = stmt.executeUpdate(query2);

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

break;

case 5:exit(0);break;

default:System.out.println("Wrong choice....");

}

}while(ch!=5);

con.close();

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

/\* try {

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

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

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("select \* from PARTS");

//String query="insert into PARTS values('P4','Cylinder','Silver',4,'Kolhapur')";

//int updateRowCount = stmt.executeUpdate(query);

//System.out.println("Row inserted..!!!");

//con.close();

while(rs.next())

{

System.out.println(rs.getString(1));

System.out.println(rs.getString(2));

System.out.println(rs.getString(3));

System.out.println(rs.getString(4));

System.out.println(rs.getString(5)+"\n-----------------");

}

con.close();

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}\*/

}

private static void exit(int i) {

// TODO Auto-generated method stub

}

}