package jdbcSql;

import java.sql.\*;

import java.util.Scanner;

public class jdbc {

public static void main(String[] args) {

try {

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

Scanner scan = new Scanner(System.in);

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

Statement stmt = con.createStatement();

System.out.println("inserting records");

String query=" ";

String firstStatement = "create table stud(name char(20),age int)";

stmt.executeUpdate(firstStatement);

int ch;

do {

System.out.println("Enter Choice \n 1Insert \n 2.Select \n 3.Update \n 4.Delete \n 5.Exit \n");

ch=scan.nextInt();

switch(ch){

case 1:

System.out.println("Enter name and age ");

String n = scan.next();

int ag = scan.nextInt();

query = "insert into stud values('"+n+"','"+ag+"')";

stmt.executeUpdate(query);

System.out.println("Record is inserted:");

break;

case 2:;

query = "select \* from stud";

stmt.executeQuery(query);

ResultSet rs =stmt.executeQuery(query);

while(rs.next()){

String name = rs.getString("name");

int age = rs.getInt("age");

System.out.println("name: "+name+", age: "+age);

}

break;

case 3:;

System.out.println("Enter name you want to update and what you want to update it to");

String n2 = scan.next();

String n3 = scan.next();

query = "update stud set name ='"+n3+"' where name='" +n2+"'";

stmt.executeUpdate(query);

System.out.println("Record is updated");

break;

case 4:;

System.out.println("Enter name you want to delete");

String n5 =scan.next();

query="delete from stud where name='"+n5+"'";

stmt.executeUpdate(query);

System.out.println("Record is Deleted");

break;

}

}while(ch<5);

stmt.close();

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

}