/\*\*

\*

\*/

/\*\*

\* @author Florian

\*

\*/

import java.sql.\*;

import java.util.List;

import java.util.ArrayList;

public class Driver {

/\*\*

\* @param args

\*/

public static void main(String[] args) {

// TODO Auto-generated method stub

try {

Connection myConn = DriverManager.getConnection("jdbc:postgresql://unterricht01.gym-friedberg.de/q11","q11info3", "q11info3");

Statement myStmt = myConn.createStatement();

ResultSet myRs = myStmt.executeQuery("select \* from stadt;");

int n = 5;

Graph g = new Graph(n);

for(int i=0;i<n;i++) {

myRs.next();

g.knotenHinzufuegen(i, new Knoten(new Datenelement(myRs.getString("ort"),0),n));

}

myRs = myStmt.executeQuery("select \* from routen;");

int m = 6;

for(int i =0;i<m;i++) {

myRs.next();

Datenelement f = new Datenelement(null,0);

for(int e =0;e<n;e++) {

if(g.getKnoten(e).getElement().getId()==myRs.getInt("start"))

f=g.getKnoten(e).getElement();

}

Datenelement k = new Datenelement(null,0);

for(int e =0;e<n;e++) {

if(g.getKnoten(e).getElement().getId()==myRs.getInt("ziel"))

k=g.getKnoten(e).getElement();

}

g.kanteEinfuegen(f, k, myRs.getInt("strecke"));

g.kanteEinfuegen(k, f, myRs.getInt("strecke"));

}

int start = 2;

int ziel = 1;

Datenelement f = new Datenelement(null,0);

for(int e =0;e<n;e++) {

if(g.getKnoten(e).getElement().getId()==start)

f=g.getKnoten(e).getElement();

}

Datenelement k = new Datenelement(null,0);

for(int e =0;e<n;e++) {

if(g.getKnoten(e).getElement().getId()==ziel)

k=g.getKnoten(e).getElement();

}

g.auslesen(f,k);

}

catch (Exception exc) {

exc.printStackTrace();

}

}

}