

DrivingApp.java

```
package edu.wmich.cs3310.a6.DrivingApp;
/*
 * CS3310 A5
 * Asgn 6 (CS3310 F15)
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 * Last changed: 12/9/2015
 */
import java.io.*;
import java.util.Scanner;

public class DrivingApp {

    public static void main(String[] args) throws IOException {
        Map map = new Map("CityNameList.csv", "MapGraph.bin");
        Route route = new Route();
        Log toLog = new Log("Log.txt");
        Scanner cityFile = new Scanner(new File("CityPairs.csv"));
        String[] cities;
        do {
            cities = readCityPair(cityFile);
            if (!cities[0].equals("eof")) {
                int cityN1 = map.getCityNumber(cities[0]);
                int cityN2 = map.getCityNumber(cities[1]);
                route.findMinCostPath(cities, (short)cityN1, (short)cityN2,
map.getN(), map, toLog);
            }
        } while (!cities[0].equals("eof"));
        toLog.finishUp();
    }

    static String[] readCityPair(Scanner s) {
        String line;
        String[] retStr = {"eof", "eof"};
        if (!s.hasNextLine()) {
            return retStr;
        }
        do {
            line = s.nextLine();
        } while (line.charAt(0) == '%' && s.hasNextLine());
        if (line.charAt(0) != '%') {
            retStr = line.split(",");
        }
        return retStr;
    }
}
```