

Name \_\_\_\_\_

Asgn # 5 (due Tues April 9)

Date turned in \_\_\_\_\_

Dr. Kaminski - you have my word that:

1. I wrote this entire application myself in accordance with the guidelines in the course policies & syllabus and university policies of what's considered acceptable student academic conduct. Any code (longer than a couple lines) used in this assignment which was created by someone else (even if changed slightly) or was written jointly with someone else is both clearly attributed (in a comment in the code) and described on this cover sheet.
2. The program code attached here **did** actually produce the data files which are attached here.
3. There was no editing of the data files after the attached programs produced them (except perhaps the font, font size and/or page-orientation for printing).

Signature \_\_\_\_\_

----- GRADING -----

\_\_\_\_\_ **Log.txt - correct output - a total of 80 points**

- Correct answers including total distance and the path
- Paths print from start to destination rather than destination to start (else -5)
- Trace of Targets displays correctly (-10 if cities are just alphabetical rather than in the order in which targets were selected)
- Output is correct for both Europe and for Other
- Format follows what's shown in the specs

\_\_\_\_\_ **Program/class code is set up appropriately - a total of 20 points**

- Correct methods and functionality are inside the correct class/program (based on the specs)
- Program/classes/methods named as shown in the specs
- Public/private designations are appropriate

\_\_\_\_\_ **If MapData stored as Adjacency MATRIX rather than Adjacency LISTS,  
subtract 20 points**

\_\_\_\_\_ **If ShortestPath algorithm looks up edge weights from MapData FILE rather than the  
INTERNAL Adjacency LISTS,  
subtract 20 points**

\_\_\_\_\_ **If ShortestPath algorithm doesn't follow MY algorithm implementation,  
subtract 15 points**

\_\_\_\_\_ **If things aren't circled or packet not assembled (as specified in the demo specs) to help  
the graders, subtract up to 10 points**

\_\_\_\_\_ **TOTAL SCORE (maximum is 100 points)**