

Finishing Shortest Path

4/13/2009

Opening Discussion

- Do you have any questions about the quiz?
- What did we talk about last class?

Review of Old Code

- Let's look over what we wrote last week.

Reading a Graph

- I'd like use to have code that will create a graph by reading a file.
- The file will have two parts, a list of nodes followed by a list of edges.
- We start with how many nodes there are, then have that many lines with x, y locations for nodes.
- Then we have how many edges there are and that many lines giving nodes and a cost.

Testing our Code

- Once that is done we can see if our shortest path works.

Improving Efficiency

- Our current code tests every path to see which is shortest. We can do better if we give the nodes some information about how far they are from where we start.

Minute Essay

- Ideas on what new topics we should start on Friday? (If nothing good is suggested we will use recursion to solve scheduling problems.)
- We have a show your code on Wednesday.