College of Computer Science
Northeastern University
COM 1721: Freshman Honors Seminar

Fall 2002
Handout 3
1 October 2002

# Homework 2

## 1. Use of web link structure in search engines

Read Sections 1 and 2 of the article "The Anatomy of a Large-Scale Hypertextual Web Search Engine" by Brin and Page, that describes a prototype of the search engine Google.

http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm

## 2. Finding your way out of a maze

You are trapped in a maze which is a complex network of *corridors* and *intersections*. One of the corridors leads to the exit which you desperately want to find.

Fortunately, you have a large collection of pennies in your pocket! Can you describe a method to get out of the maze? How expensive is your method?

Please turn in your solution (neatly handwritten or typed) at the beginning of class on **October 8, 2002**.