

## CSCI 256: Exercise # 4

*Due: Mon, Sept 21, in class*

**Your Name:** \_\_\_\_\_

Assigned reading for this lecture:

- Kleinberg Tardos Section 3.2

Read Section 3.2 in KT on Breadth First Search (BFS) Traversal and answer the following question.

Please draw the **BFS tree** starting at  $s$  for the following graph. You should explore the neighbors of each vertex in numerical order.

