

Section 0: Search

CS4100/5100, Fall 2015

Your Name:

1. Consider the two graphs shown in Figures 1 and 2. In what order does BFS (assume you use the graph search version) expand the nodes for each graph (assume that nodes are added to the stack/queue in alphabetical order)? The agent starts at node s and must reach node g .

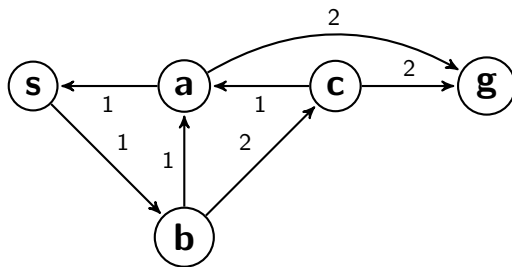


Figure 1

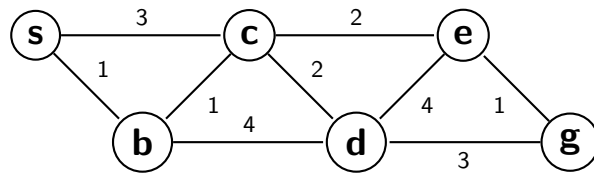


Figure 2