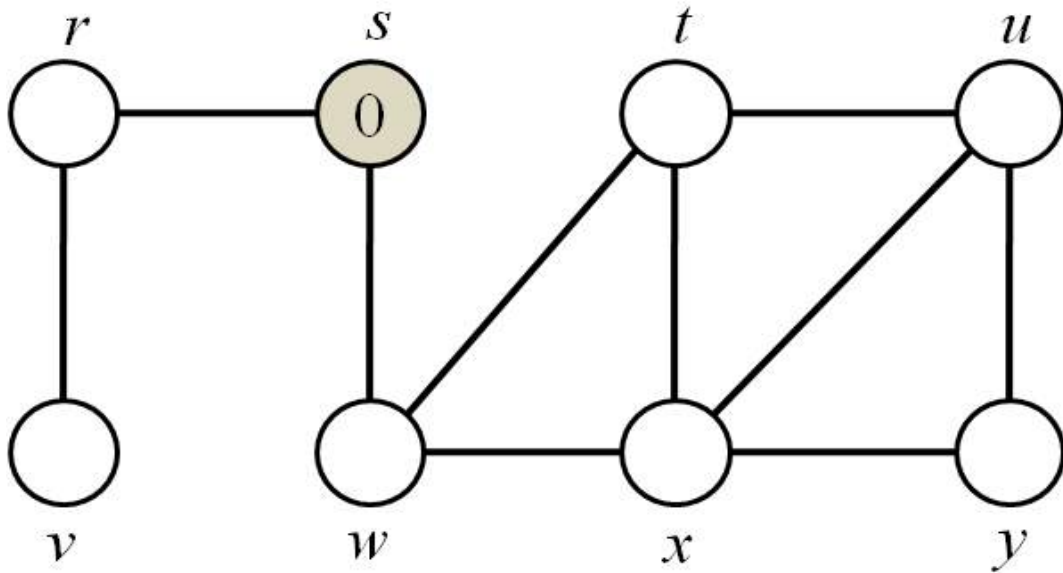# Review 11-2

1. Show the breadth-first tree of the following graph and the distance from the source to each vertex. (Each adjacency list is ordered alphabetically.)

2. Show how DFS works on the following graph. Show the discovery and finishing times for each vertex, and show the classification of each edge. (Assume that the DFS procedure considers the vertices in alphabetical order and each adjacency list is ordered alphabetically.)