Algorithms and Analysis

Elementary graph algorithms - Practice

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Objectives

- Practice on Depth first search algorithm (DFS)

In this participation, you need to implement the depth first search algorithm traversal using the example from the lecture and book.
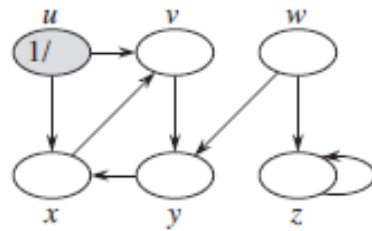
1. You need to implement the algorithms learned in class.
2. Submit the code to dropbox on time to receive credits

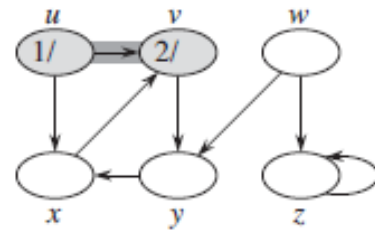# Elementary graph algorithms – Depth-first search
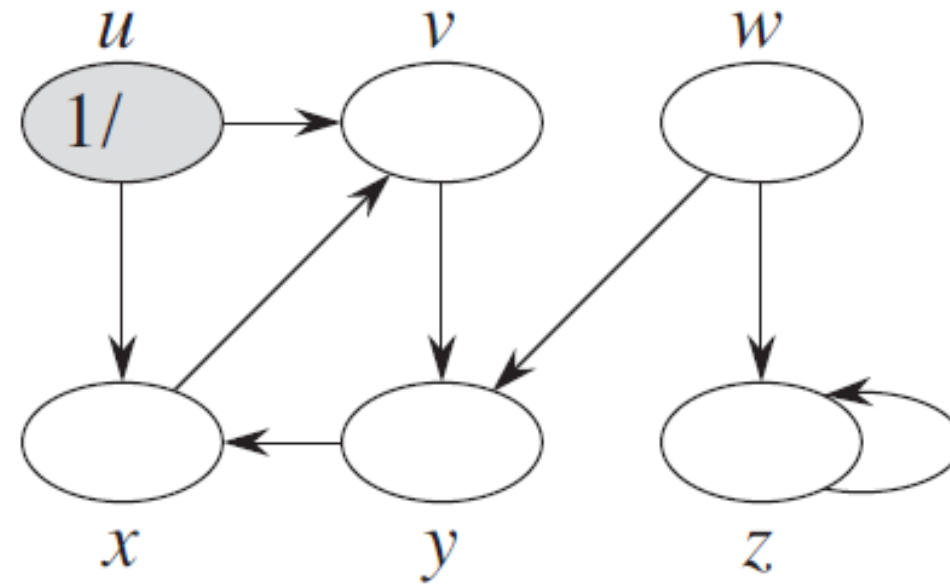
1. Use this graph as your data
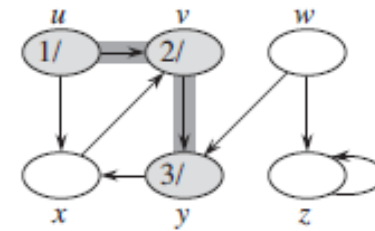2. Use adjacency-list or adjacency-matrix to represent your data

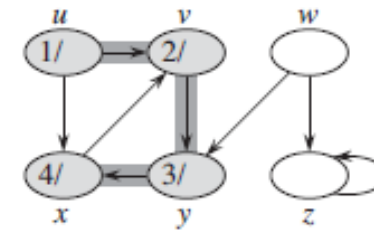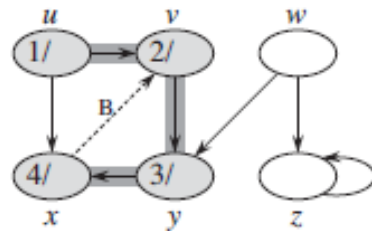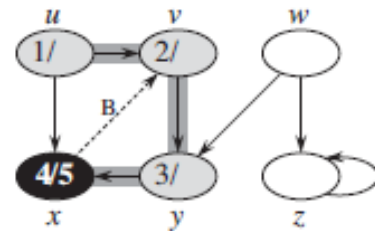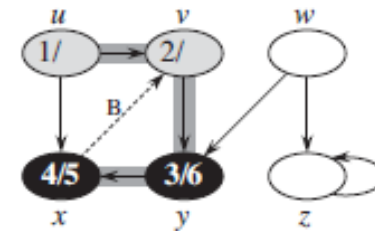# Elementary graph algorithms – Depth-first search

(a) (b) (c) (d)
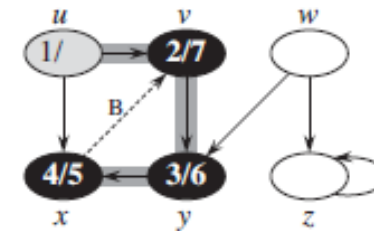
(e) (f) (g) (h)
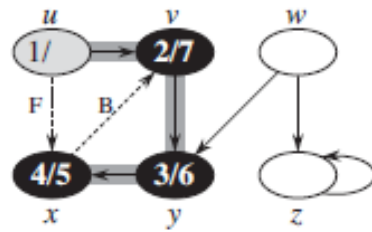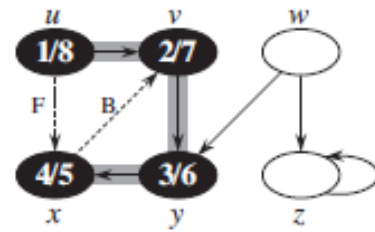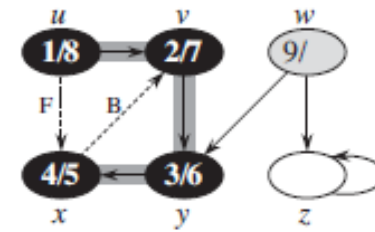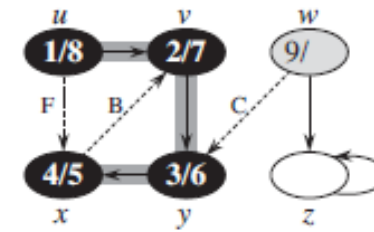
(i) (j) (k) (l)

(m) (n) (o) (p)

Expected outcomes