Assignment 5: Maximum flow

Due: 1st week after midterm (submission through moodle before sessional class)

All Sections

Implement Ford-Fulkerson method for solving the maximum flow problem (Cormen et al.–Chapter 26) . Use Edmonds-Karp algorithm to find augmenting paths.

Input: A directed graph with edge capacities, a source *s* and a sink *t.*

Output: The value of maximum flow, flow along each edge and edges of a min-cut.