

Tentative Homework Problems
CS 24, Spring 2025
Eighth Edition

About the required reading

focus only on those sections of the text which pertain to
the definitions or assigned problems

work backwards as follows:

for each definition, read enough of the text to understand the definition

for each homework problem, read enough of the text to do that problem

Graph Theory
Definitions and Problems

Section 10.1

simple undirected graph (from class)

Section 10.2

adjacent, degree, degree sequence

1

Section 10.3

adjacency matrix, graph isomorphism

1,2,5,6,29,38-48, 63

Section 10.4

path

1,3,4,5

Section 10.5

Euler circuit, Hamilton circuit

1,2,4,6,7,8,30,31,32,33,34,35,36