

## Homework 2 (due March 13)

1. Given an undirected graph with five nodes: 1, 2, 3, 4, and 5, with links 12, 13, 23, 24, 25, 45. Draw the corresponding graph. Apply the following traversal algorithms: Tarry's algorithm, depth-first algorithm, and piggybacking IDs of visited nodes. Show all details assuming that neighbors with lower IDs are explored first during the traversal process.
2. Exercise 2 (on notes): Q1
3. Exercise 2 (on notes): Q2
4. Exercise 2 (on notes): Q5
5. Book chapter 4: Q1
6. Book chapter 4: Q5
7. Book chapter 4: Q6.