

CSE 417: Algorithms and Computational Complexity
Assignment #5
February 20, 2004
due: Friday, February 27

1. Exercise 10.6(b).
2. Exercise 10.9. In part (b), explain exactly how the tree can be constructed from your `root` matrix.
3. Exercise 10.17.
4. Exercise 9.7. Show the D matrix for each of the values $k = 1, 2, 3, 4$.
5. Exercise 9.10. State precisely what statements to remove from Algorithm 9.4 and what statements replace them.
6. Exercise 9.11. Show the routing table for each of the values $k = 0, 1, 2, 3, 4$.