

ASSIGNMENT 7

DMC (Discrete Mathematics and Computing) is the textbook. Problems are also available on the class website.
Always show your work and explain your reasoning.
Problem numbers refer to the version of the chapter problems on the course webpage.

Practice

- (1) Do all the pop quizzes in Chapters 15, 16, 17 and 18.
- (2) DMC Exercise 15.6, 15.9, 15.11, 15.12, 16.5, 16.6, 16.11, 17.2, 17.8, 17.11, 18.4, 18.11, 18.12
- (3) DMC Problem 15.1, 15.2, 15.6, 15.9, 15.16, 15.19
- (4) DMC Problem 16.5, 16.7
- (5) DMC Problem 17.5
- (6) DMC Problem 18.1, 18.4(a), 18.6

Recitation Lab (TA will work these out in lab)

- (1) DMC Problem 15.39(m)
- (2) DMC Problem 16.6
- (3) DMC Problem 16.37
- (4) DMC Problem 16.61
- (5) DMC Problem 16.72
- (6) DMC Problem 17.8
- (7) DMC Problem 18.34(a)–(h)

Problems (hand these in)

- (1) [10] DMC Exercise 15.5
- (2) [10] DMC Exercise 15.10
- (3) [10] DMC Problem 15.14 or DMC Problem 15.37
- (4) [10] DMC Problem 16.3 or DMC Problem 16.67 or DMC Problem 16.69
- (5) [10] DMC Problem 16.40 or DMC Problem 16.46
- (6) [10] DMC Problem 16.57 or DMC Problem 16.64
- (7) [20] DMC Problem 16.80 or DMC Problem 16.81 or DMC Problem 16.83
- (8) [10] DMC Problem 17.29 or DMC Problem 17.41(a) and (b)
- (9) [10] DMC Problem 18.34(i)–(q) or DMC Problem 18.62