ASSIGNMENT 1

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) DMC Problem 1.1
(2) DMC Problem 1.2
(3) DMC Problem 1.3
(4) DMC Problem 1.7
(5) DMC Problem 2.1
(6) DMC Problem 2.3
(7) DMC Problem 2.5(a)
(8) DMC Problem 2.20(b)

Recitation Lab (TA will work these out in lab)

(1) DMC Problem 1.19 (a)
(2) DMC Problem 1.36
(3) DMC Problem 1.39
(4) DMC Problem 2.5(f)
(5) DMC Problem 2.20(d)
(6) DMC Problem 2.22(a)

Problems (hand these in).

(1) **[20]** DMC Problem 1.21 or DMC Problem 1.27
(2) **[20]** DMC Problem 1.31 or DMC Problem 1.32
(3) **[20]** DMC Problem 2.5(d) or DMC Problem 2.11
(4) **[20]** DMC Problem 2.21(c) or DMC Problem 2.21(i)
(5) **[20]** DMC Problem 2.26 or DMC Problem 2.29