

## 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