

Homework Assignment

HW3: Number Theory, Induction, Recursion, Counting, Discrete Probability

Assigned: 26 July 2020

Due: 9 August 2020

14 problems, taken from text book (8th edition). Submit before 11:59 PM on Gradescope.

1. Exercise 44 page 259
2. Exercise 28 page 269
3. Exercise 42 page 290
4. Exercise 18 page 351
5. Exercise 6 page 363
6. Exercise 8 page 379
7. Exercise 8 page 391 (And prove that this algorithm is correct)
8. Exercise 26 page 417
9. Exercise 46 page 428
10. Exercise 34 page 436
11. Exercise 26 page 444
12. Exercise 40 page 476
13. Exercise 34 page 493
14. Exercise 12 page 518