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CS 201: DISCRETE STRUCTURES
SECTION G
Assignment 09
DUE: Friday November 02, 2018.

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Submit a handwritten copy

USE Rosen's 7th edition

Reading: Section 4.1 and 4.3 for modular arithmetic and GCD and LCM
            Section 5.1 for mathematical induction

Problem 1
Page 329, Section 5.1 problems: 1, 3, 5, 7, 11, 13, 15

Problem 2
a. Prove the associative property for $+_m$ operator
b. Prove the distributive property for $+_m$ and $._m$ operators
c. Page 244, exercise 4.1, question 9 (part a,b,c), 13 part(a,b,c), 19, 41