CSE 321 Discrete Structures

Winter 2008

Lecture 8

Number Theory: Modular Arithmetic

Announcements

- Readings
  - Today:
    - 3.4 (5th Edition: 2.4)
  - Monday and Wednesday:
    - 3.5, 3.6, 3.7 (5th Edition: 2.5, 2.6)

Number Theory (and applications to computing)

- Branch of Mathematics with direct relevance to computing
- Many significant applications
  - Cryptography
  - Hashing
  - Security
- Important tool set