

(L02 was cancelled due to snowstorm.)

### Admin:

- Pset #1 posted; due Mon 2/23
- See TAs if you don't have pset group.
- Recitation #1 this week (Fri 2/13 11am 4-270)

### Reminder:

- See "The Imitation Game" Thu 7pm  
(see link to Piazza to sign up...)
- DSO 4pm "Secure Computation"

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### Today:

- (Finish L01 material)
- "Growth of Cryptography" talk (Killian award lecture)

## Some principles:

L1.8

- be sceptical & paranoid
- don't aim for perfection  
("there are no secure systems, only degrees of insecurity...")
- tradeoff cost / security  
("to halve the risk, double the cost... " - Adi Shamir)
- be prepared for loss
- "KISS" ("keep it simple, stupid!")
- ease of use is important
- separation of privilege - require 2 people to perform action
- defense in depth (layered defense)
- complete mediation (all requests checked for authorization)
- least privilege (don't give some more permissions than they need)
- education
- transparency (no security through obscurity)
- sharing information about vulnerabilities & defenses