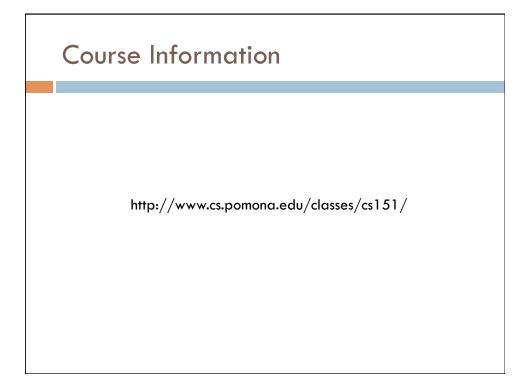
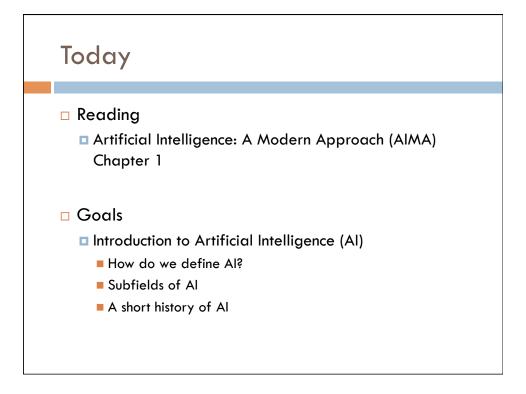
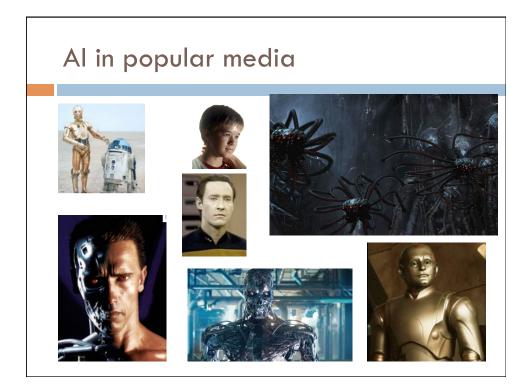


Course Topics

- Part I: Problem solving
 - Search
 - Adversarial Games
 - Constraint satisfaction
- Part II: Reasoning with uncertainty
 - Probability
 - Bayesian networks
 - Reasoning over time (hidden Markov models)
- Part III: Machine Learning
 - Supervised Learning
 - Clustering
 - Reinforcement Learning

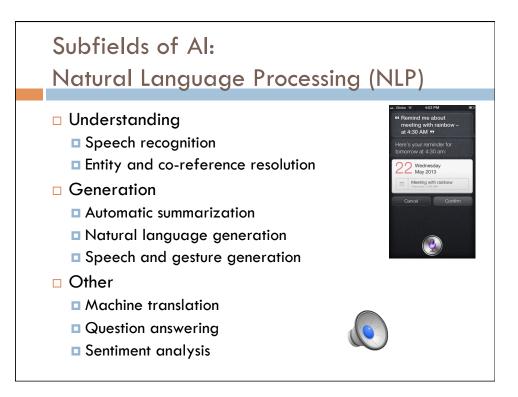


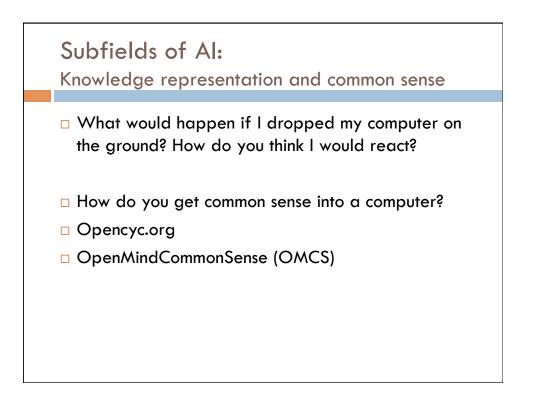


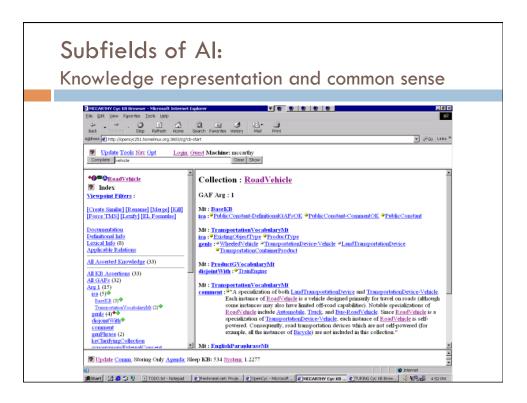


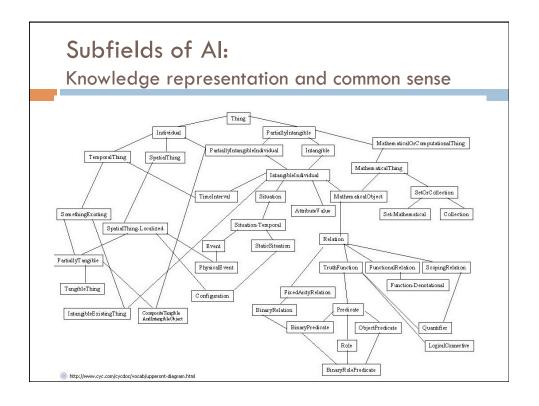


What is Al in reality?			
 "Al is our attempt to create a 'machine' that thinks (or acts) humanly (or rationally)" 			
	Think like a human Cognitive Modeling	Think rationally Logic-based Systems	
	Act like a human Turing Test	Act rationally Rational Agents	

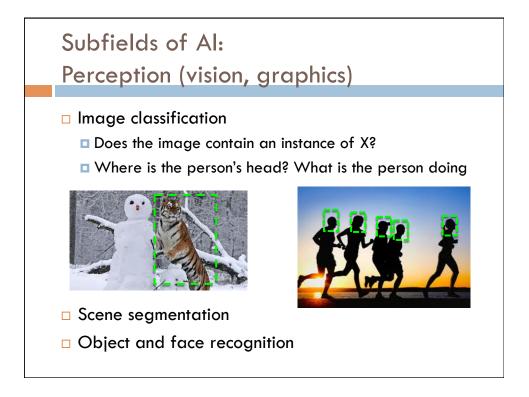


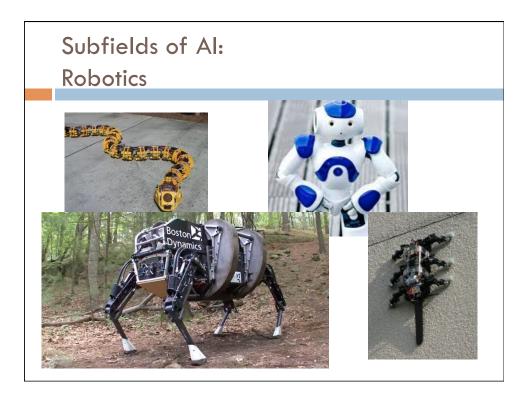


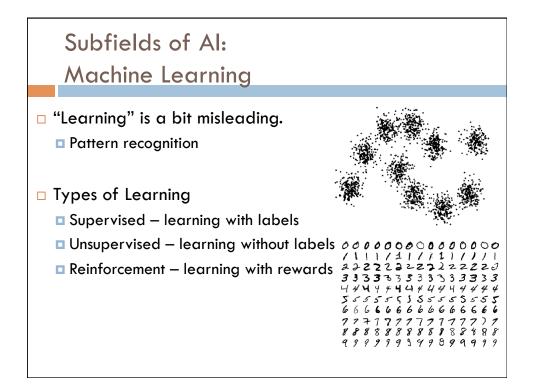


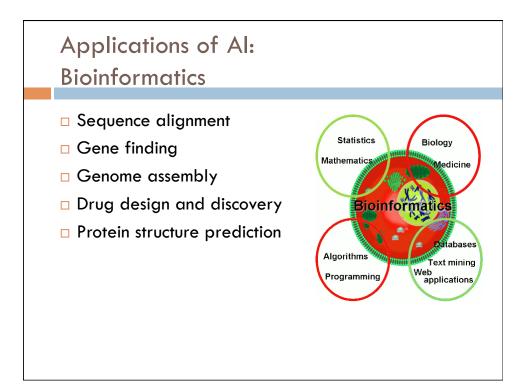


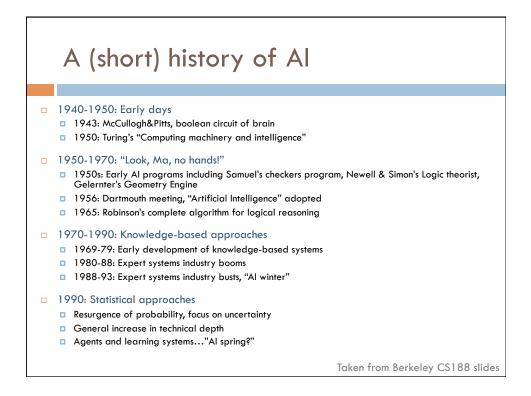












Reminders

- The reading is important!AIMA Chapter 1 (can skim this)
- Course information
 - Check out the course website
 - Make sure you have a DCI account
 - Make sure you have a Piazza account
- □ HW1 is due by midnight Friday