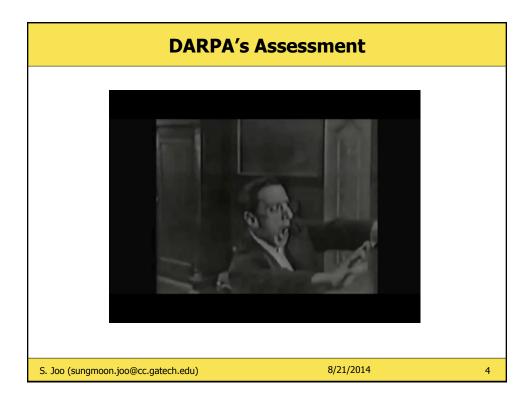
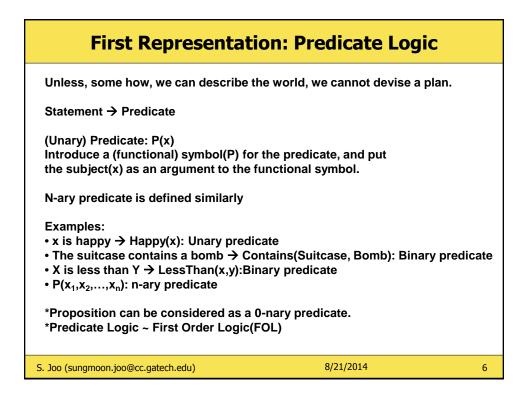


What is P	lanning?	
Planning: "devising a plan of action to achiev	re one's goal" (Russel & Norvig)	
Given: States Actions Initial State and Goal State Constraints		
Task 1: Find a sequence of actions	that take you from Init. to Goal	
Task 2: Find actions that take you fr	om any state to Goal	
Task 3: Decide the best action to tal odds of reaching Goal	ke now in order to improve your	
Task 4: Find a continuous path (in s from Init. to Goal	. , ,	
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First Representation: Predicate Logic				
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Truth Table									
	A	В	$\neg A$	$A \wedge B$	$A \Rightarrow B$	$\neg A \lor B$			
	F	F	Т	F	Т	Т			
	F	Т	Т	F	Т	Т			
	Т	F	F	F	F	F			
	Т	Т	F	Т	Т	Т			
-									
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