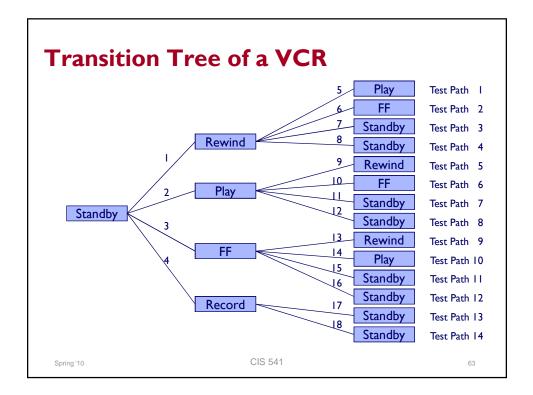
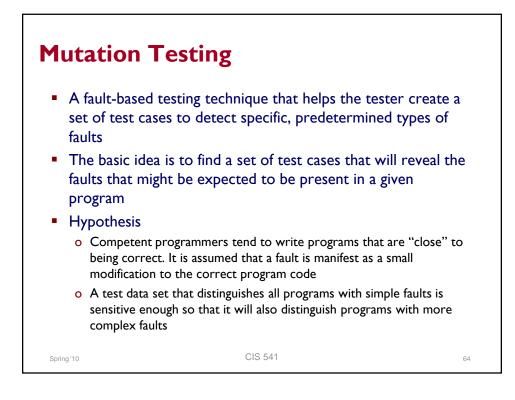
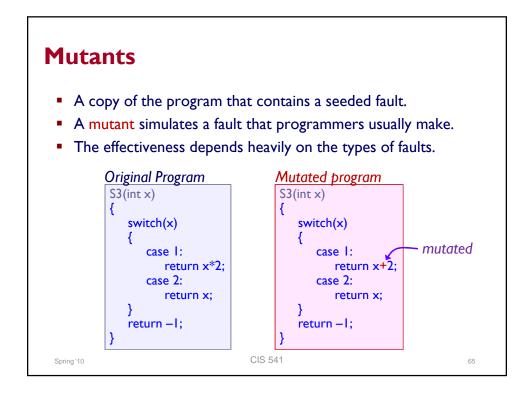
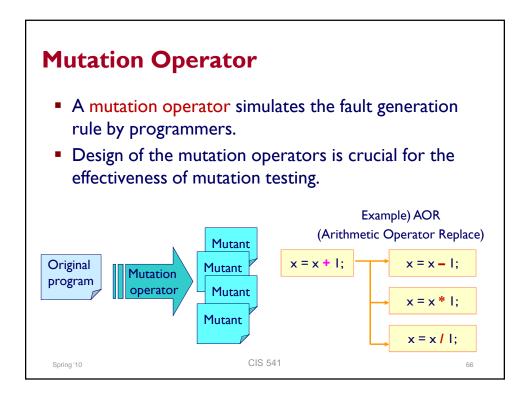


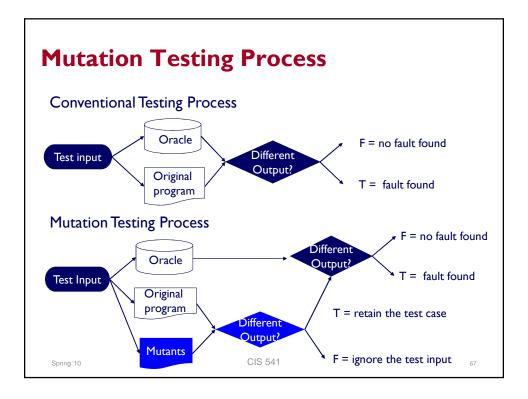
State-Event Table Is used in composing the transition tree. 					
Events\States	Standby	Rewind	Play	Fast Forward	Record
evRewindB	I-Rewind	*	9-Rewind	13-Rewind	*
evPlayB	2-Play	5-Play	*	l 4-Play	*
evFFb	3-FF	6-FF	IO-FF	*	*
evRecordB	4-Record	*	*	*	*
evStopB	*	7-Standby	II-Standby	I 5-Standby	17-Standby
evEndtape	*	*	12-Standby	I 6-Standby	18-Standby
evBegintape	*	8-Standby	*	*	*
Spring '10 CIS 541 62					

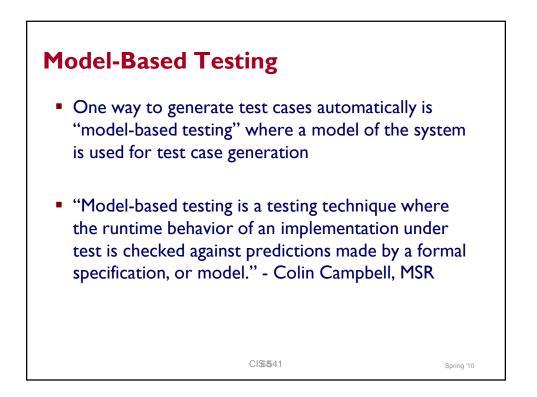


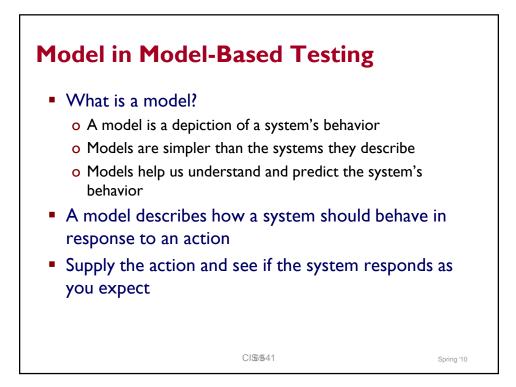


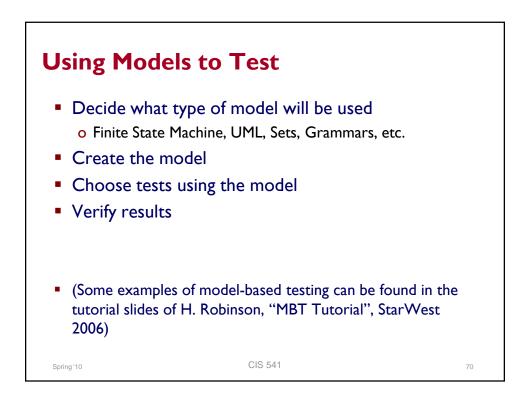


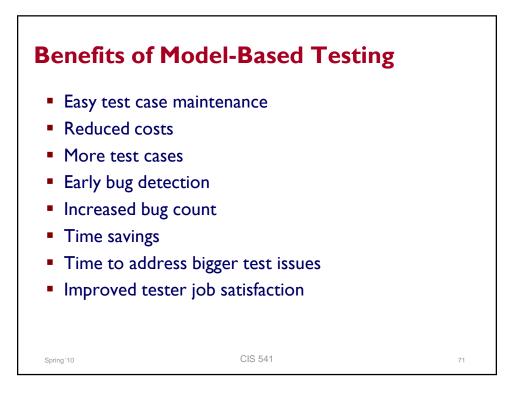


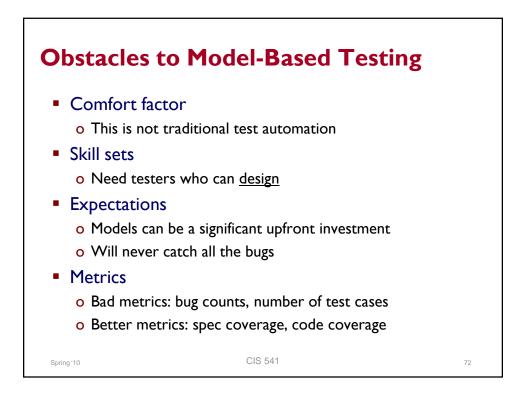










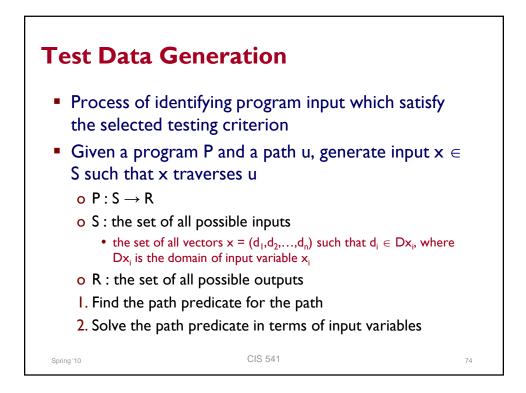


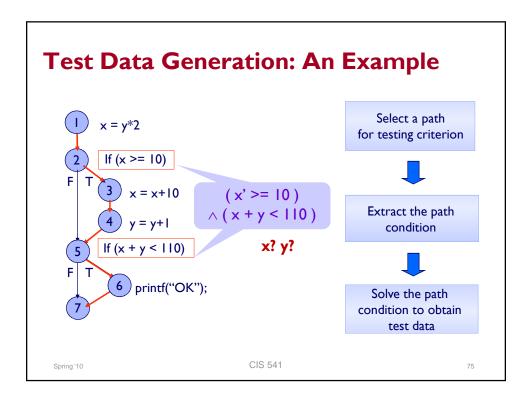
TEST DATA GENERATION

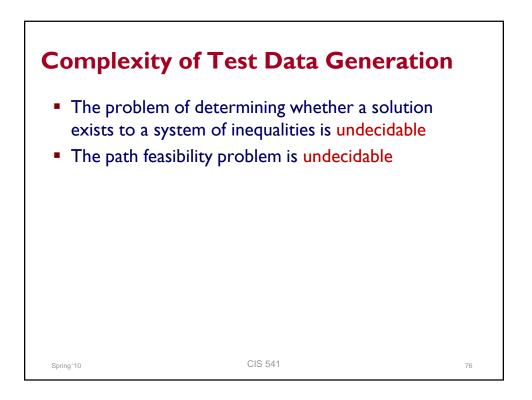
Spring '10

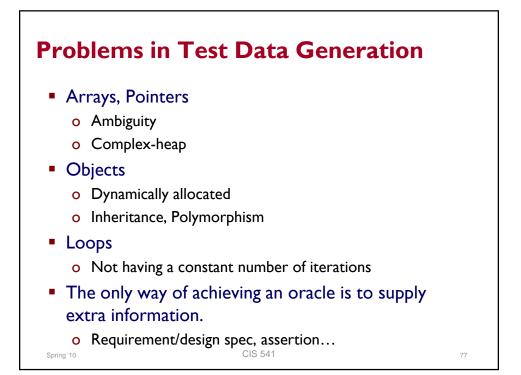
CIS 541

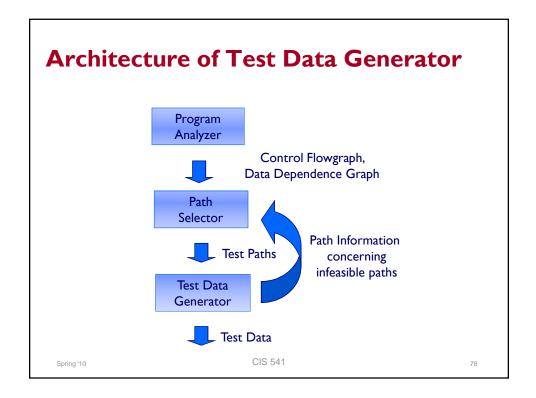
73

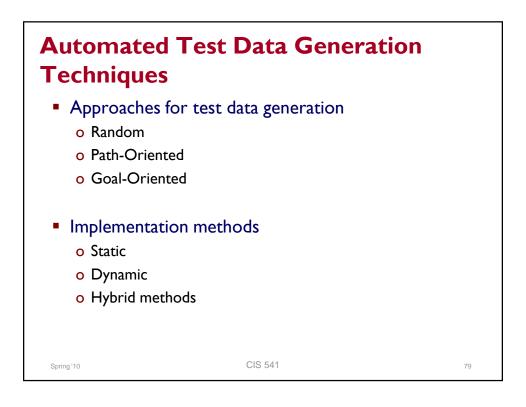


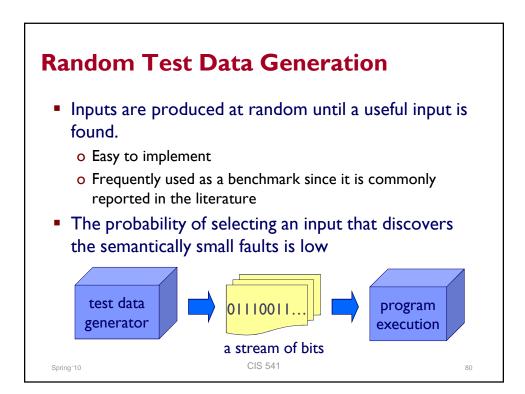


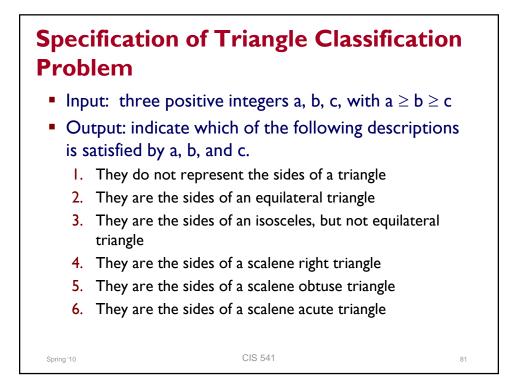


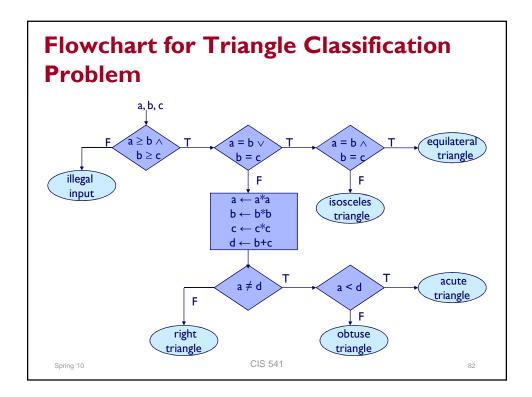


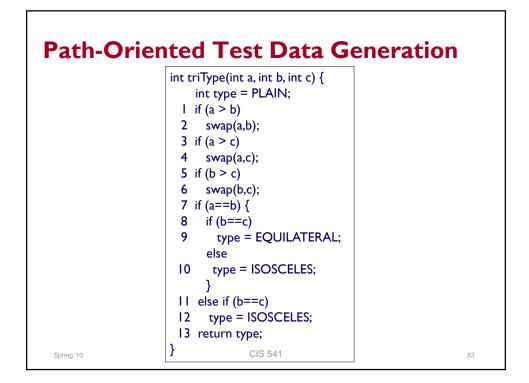


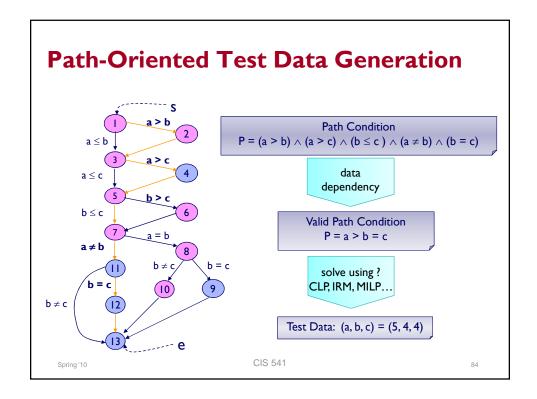


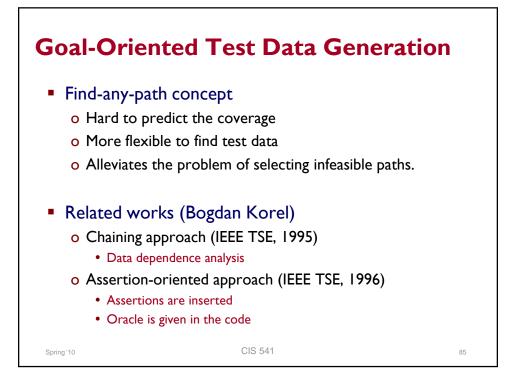


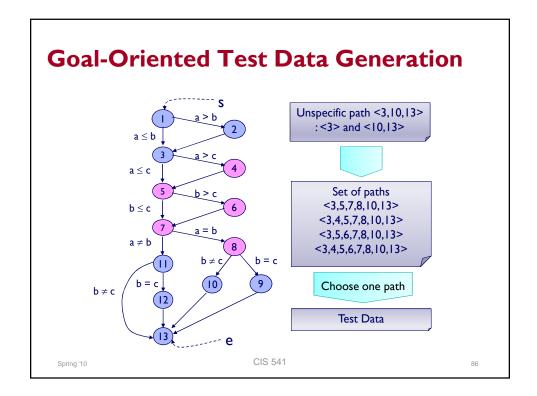


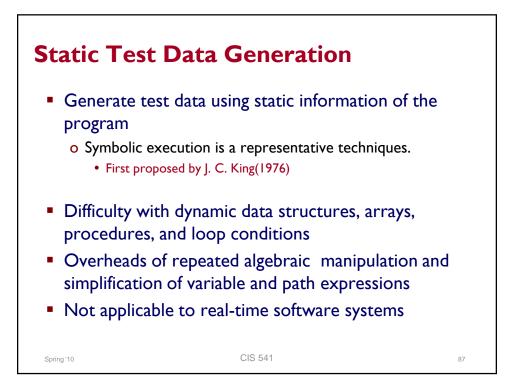


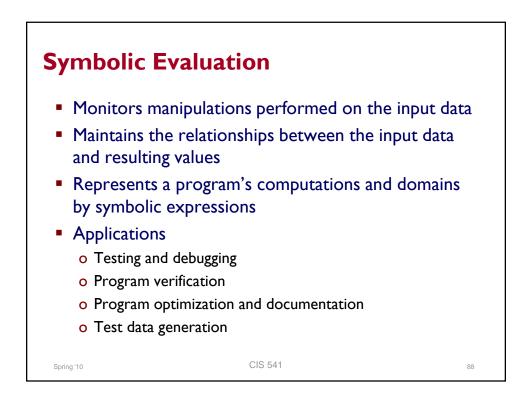


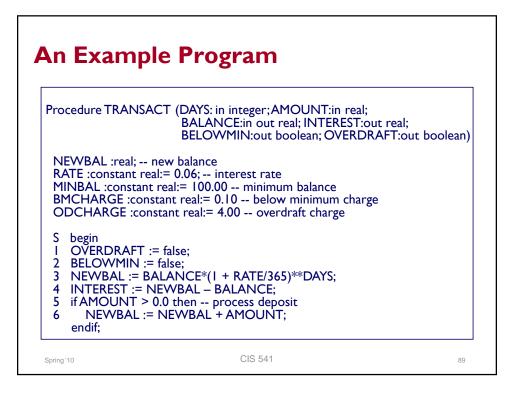


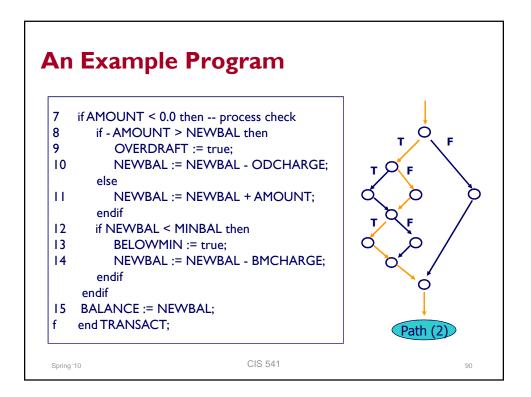


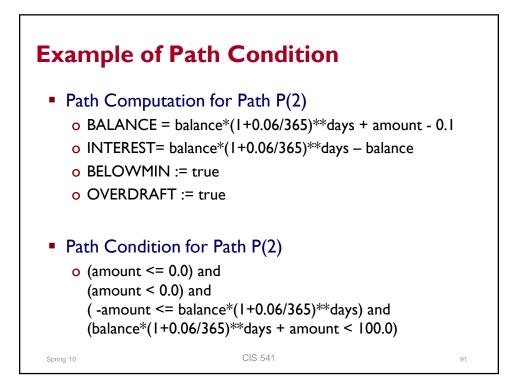




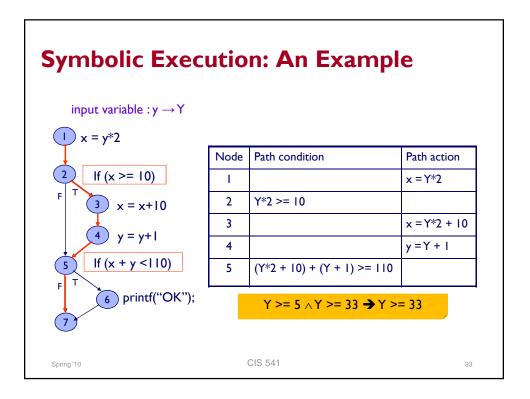


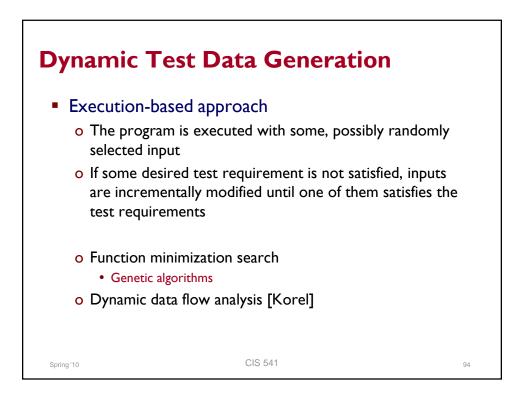


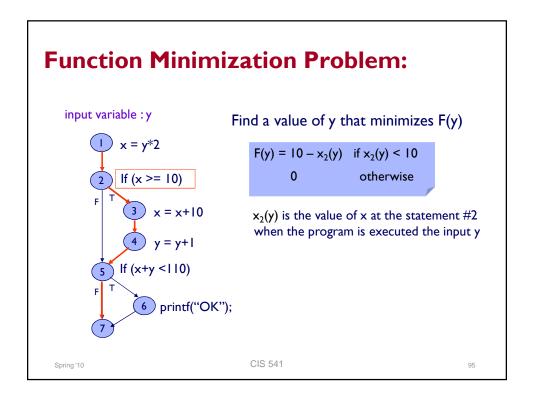


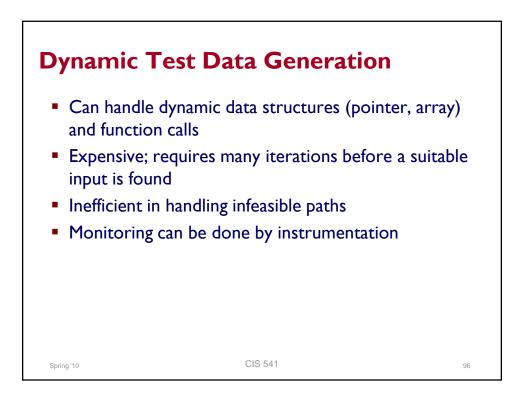


Statement	Interpreted predicate	Interpreted assignments
S	true	DAYS = days, AMOUNT = amount, BALANCE = balance, INTEREST = ?, BELOWMIN = ?, OVERDRAFT = ?, NEWBAL = ?, RATE = 0.06, MINBAL = 100.0, BMCHARGE = 0.1, ODCHARGE = 4.0
I.		OVERDRAFT = false
2		BELOWMIN = false
3		NEWBAL = balance*(1 + 0.06/365)**days
4		INTEREST = balance*(1 + 0.06/365)**days - balance
(5.7)	amount <= 0.0	
(7,8)	amount < 0.0	
(8,11)	- amount <= balance*(1 + 0.06/365)**days	
П		NEWBAL = balance*(1 + 0.06/365)**days + amount
(12,13)	balance*(1 + 0.06/365)**days + amount < 100.0	
13		BELOWMIN = true
14		NEWBAL = balance*(1 + 0.06/365)**days + amount - 0.1
15		BALANCE = balance*(1 + 0.06/365)**days + amount - 0.1









EMBEDDED SOFTWARE TESTING

Spring '10

CIS 541

97

