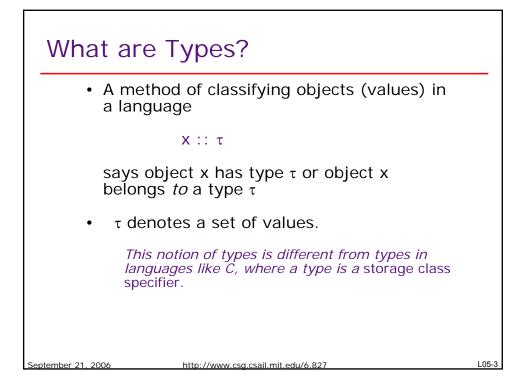
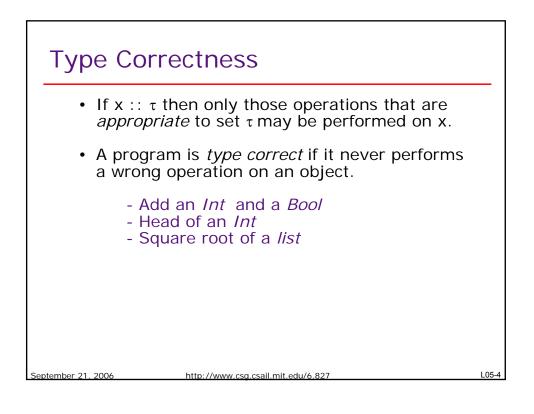
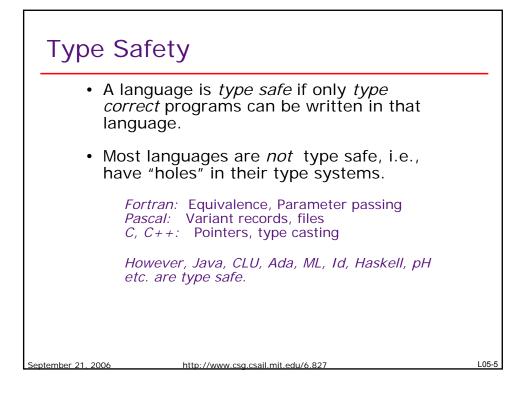
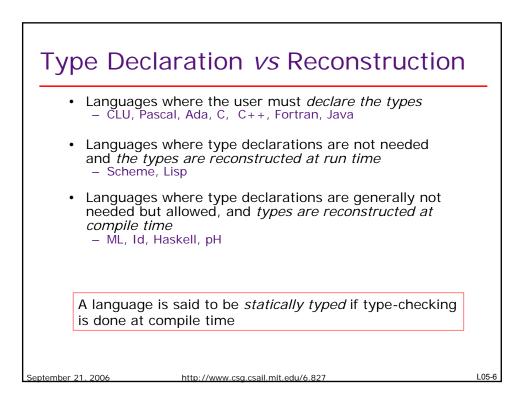


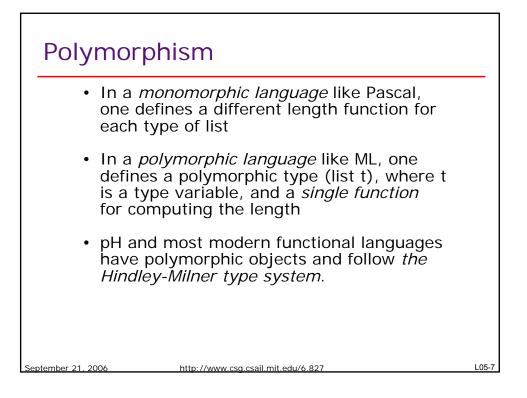
Outline		
General issues		
Type instances		
Type Unification		
 Type Inference rules for a simple non- polymorphic type system 		
 Type Inference rules for a polymorphic type system 		
Overloading next time		
September 21, 2006 http://www.csg.csail.mit.edu/6.827 L05-2		

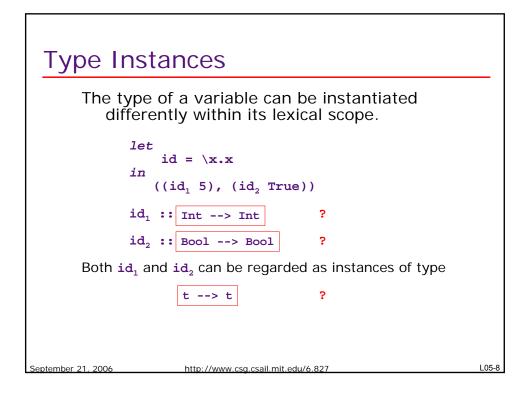


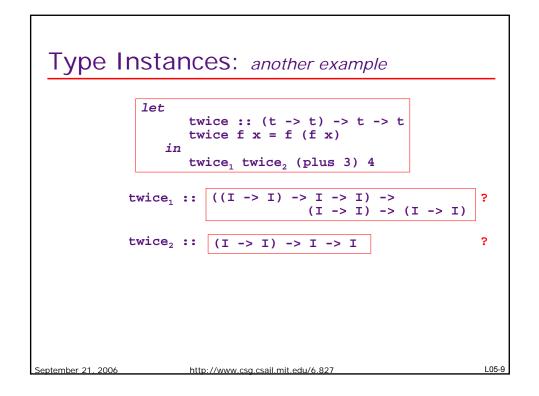


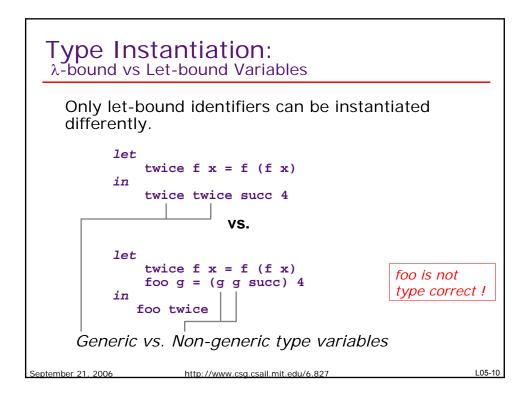


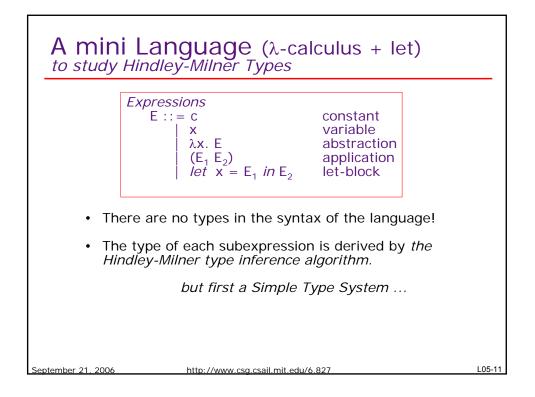


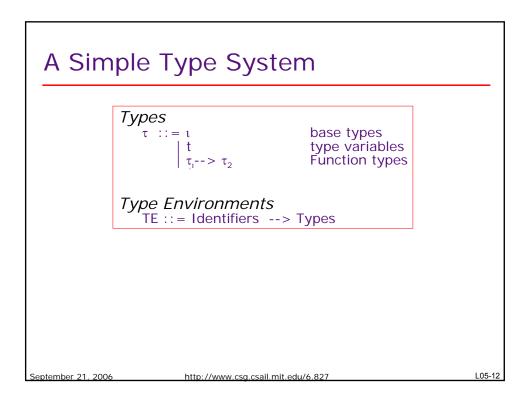


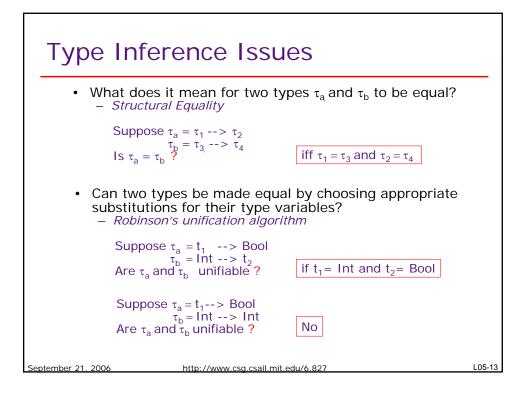


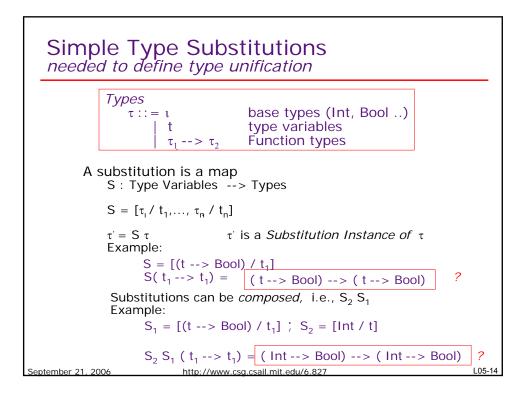


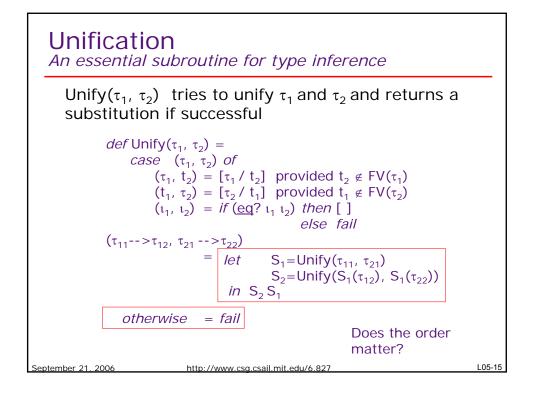












Type Inference Rules			
Typing: TE	e:τ		
Suppose we want to assert (prove) that given some type environment TE, the expression ($e_1 e_2$) has the type τ' . Then it must be the case that the same TE implies that e_1 has type τ > τ' and e_2 has the type τ .			
Such an inference (App)	rule can be written as:		
September 21, 2006	http://www.csg.csail.mit.edu/6.827	L05-16	

