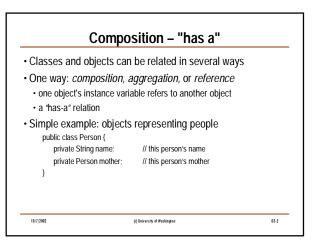
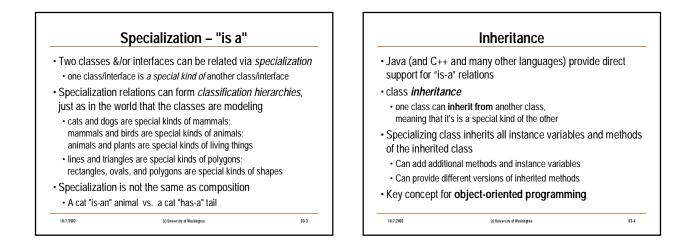
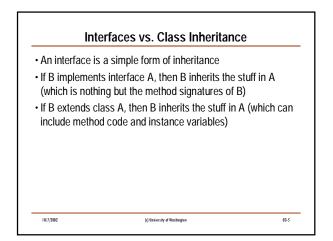
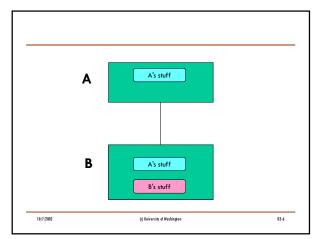
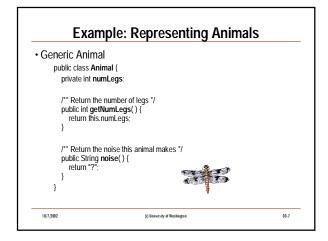
	CSE 143 Java	1 - D-D	
	Inheritance		
	Reading: Ch. 9, 14	a Colu	
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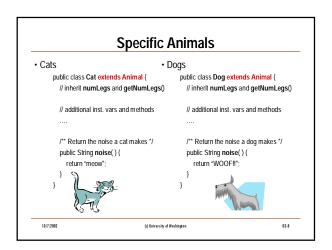


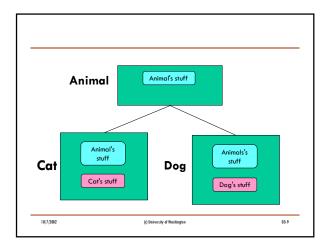


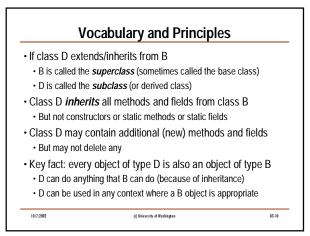


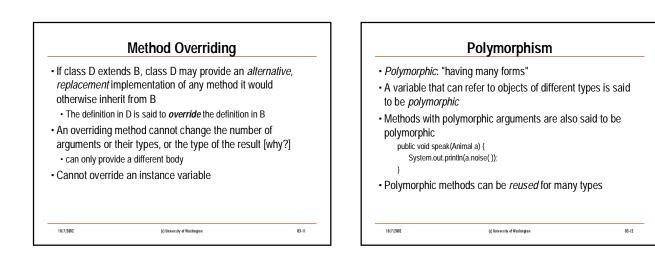




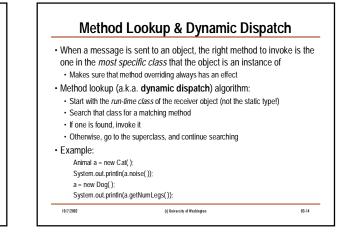








With polymorphism	, we can distinguish between	
Static type: the dec	ared type of the variable (fixed during execution)	
Dynamic type: the i change as program	un-time class of the object the variable currently refers to executes)	(can
public void speak(A	nimal a) {	
System.out.prin	In(a.noise());	
}		
Cat foofoo = new Ca	t();	
speak(foofoo);		
Dog fido = new Dog	();	
speak(fido);		



	Summary	
Object-oriented prog	amming is huge	
Lots of new concepts	and terms	
Lots of new programn	ning and modeling power	
Ideas (so far!)		
Composition ("has a")	vs. specialization ("is a")	
 Inheritance 		
 Method overriding 		
Polymorphism, static	vs. dynamic types	
Method lookup, dynar	nic dispatch	
incured reenap, ajnar		
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