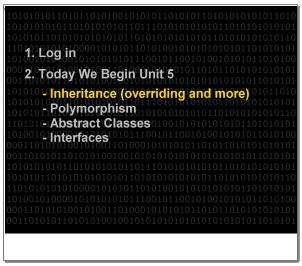
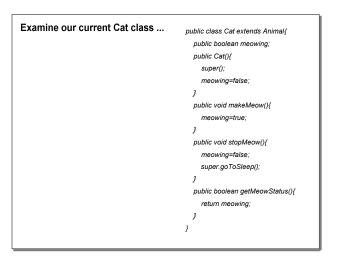
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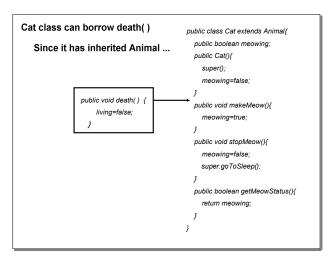
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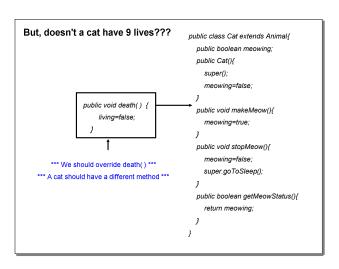
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Nov 11-3:13 PM



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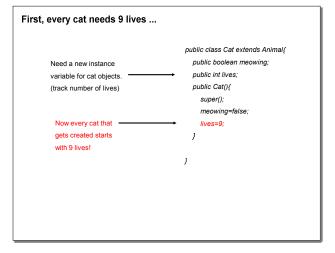
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```
First, every cat needs 9 lives ...

Need a new instance
variable for cat objects.
(track number of lives)

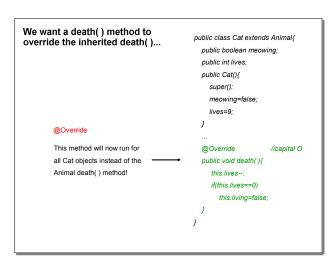
public class Cat extends Animal{
public boolean meowing;
public Cat(){
super();
meowing=false;
lives=9;
}
```

Nov 11-3:13 PM Nov 11-3:13 PM

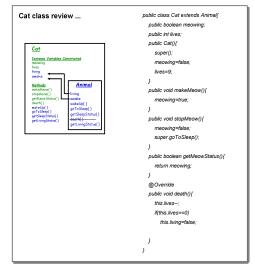


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Review of subclasses

- 1. They can add new instance variables
- 2. They can add new methods
- 3. They can use inherited methods
- 4. They can override inherited methods
- 5. They cannot change public things to private
- 6. They cannot change inherited static methods
- 7. They should have their own constructors
- 8. They cannot access inherited private data without the aid of a method

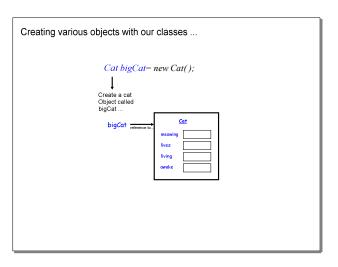
Creating various objects with our classes ...

Cat bigCat= new Cat();

Nov 12-3:33 PM

Creating various objects with our classes ...

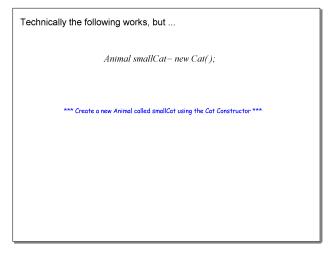
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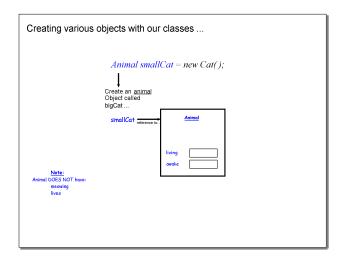
Cat bigCat= new Cat();

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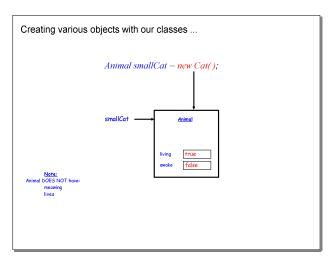
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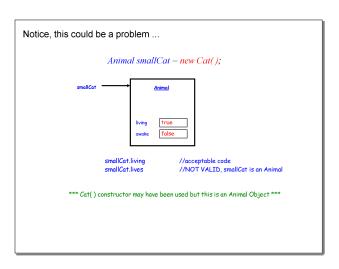
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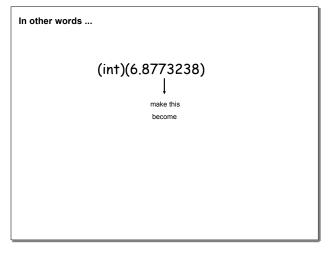


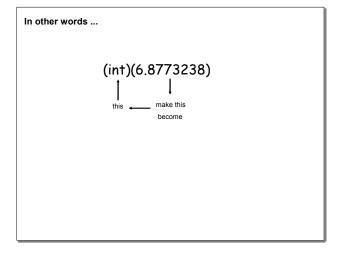
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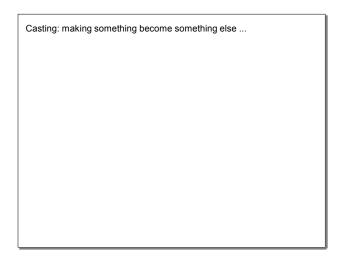
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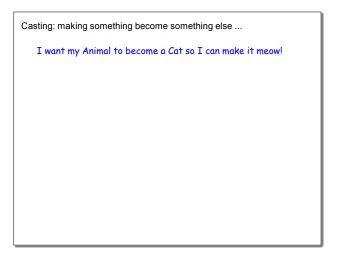




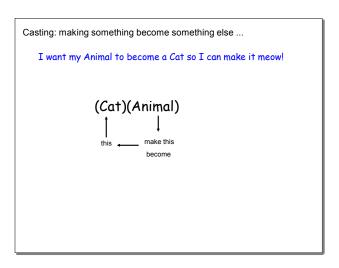
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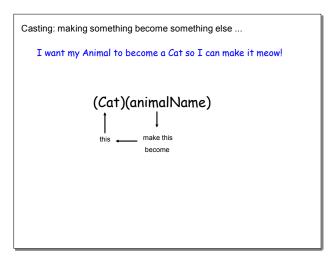
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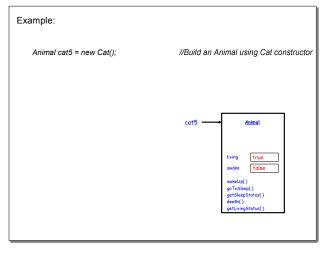
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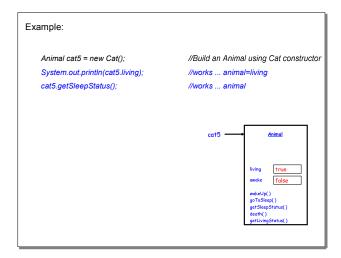
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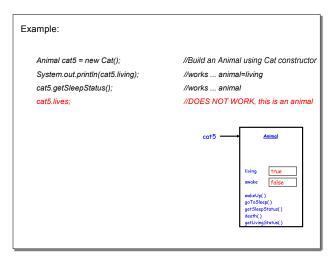
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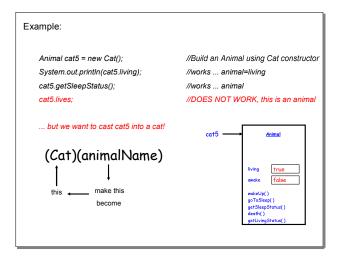
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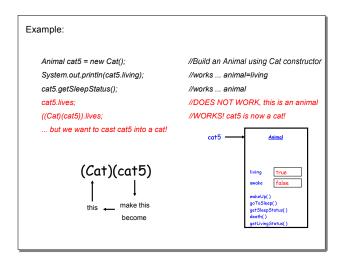
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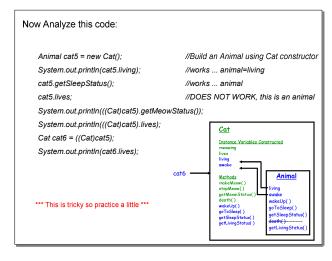
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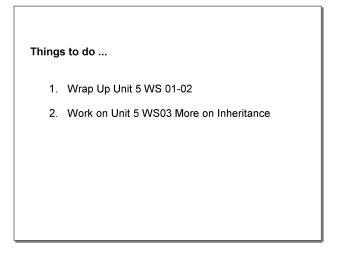
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Oct 16-9:12 AM