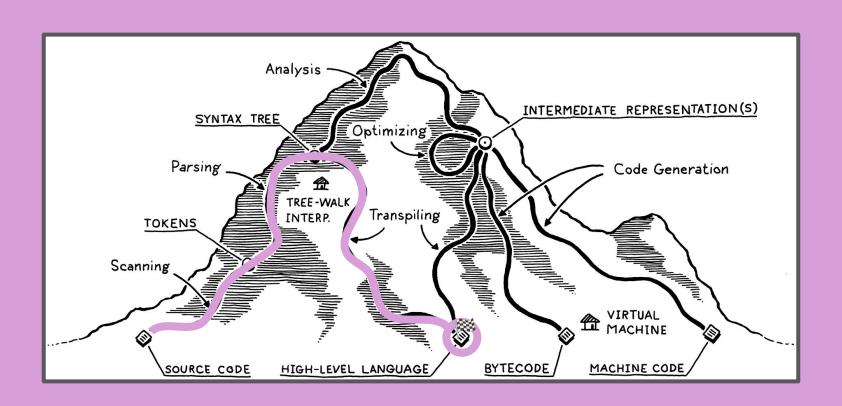
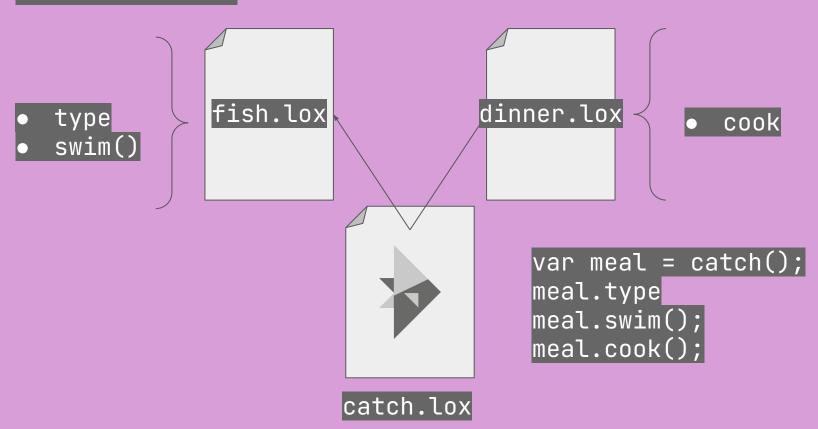


CMPSC 201: PROGRAMMING LANGUAGES



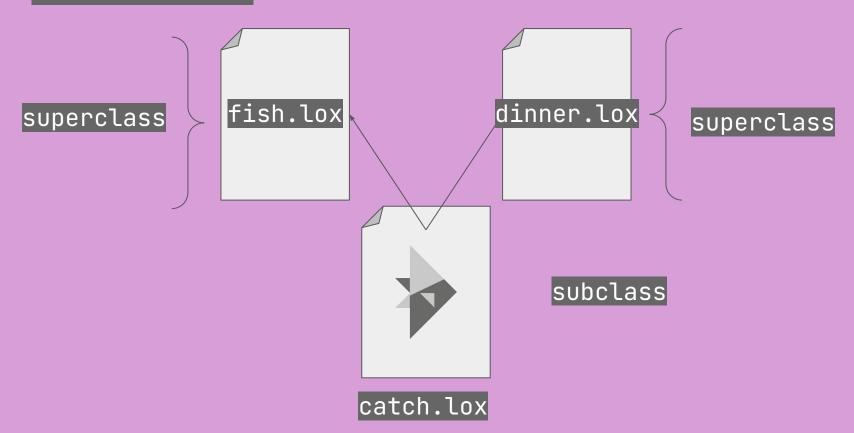
type fish.lox swim()var food = catch(); food.type food.swim(); catch.lox

Our catch is a fish, and can do fish-y things

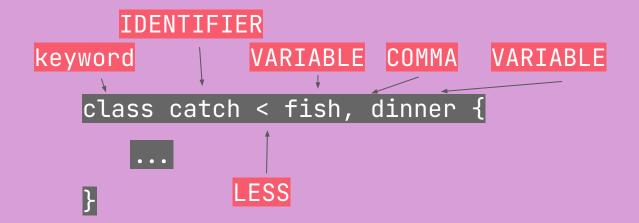


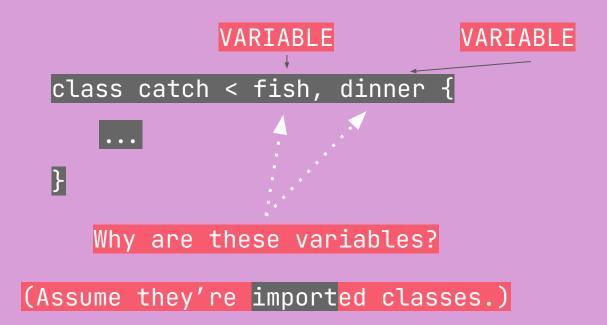
Basing or extending the functionality of a given class object using superclasses to derive new subclasses.

- Subclasses "inherit" the functionality of superclasses
- Subclasses do not affect the functionality or content of superclasses
- Subclasses can call properties and methods of superclasses as if they contain them



```
Python
                                 Lox
class catch(Fish, Dinner):
                                 class catch < fish, dinner {</pre>
                                 }
food = catch()
                                 var food = catch();
print(food.type)
                                 print food.type
food.cook();
                                 food.cook();
```







(If these are variables, what isn't happening?)

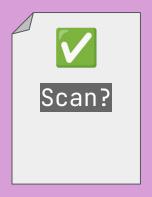
[line 4] Error at 'dinner': Local variable is never used.

Your job is to discover the issue and fix it.



(If these are variables, what isn't happening?)

[line 4] Error at 'dinner': Local variable is never used.









Steeling your resolve(to finish the assignment)



Issue may stem from any of the following:

- adequate creation/binding of Expr.Variable to correct scope
- program not equating calling a method from the class as a read or use
- incorrect scope resolution (i.e. resolving too late)

tl;dr

