Using Inheritance

- Let's build an application that organizes info about people!
 - Person: name, birthday
 - · Get last name
 - Sort by last name
 - Get age

How plist.sort() works

- Python uses the timsort algorithm for sorting sequences a highly-optimized combination of merge and insertion sorts that has very good average case performance
- The only knowledge needed about the objects being sorted is the result of a "less than" comparison between two objects
- Python interpreter translates obj1 < obj2 into a method call on obj1 → obj1.__lt__(obj2)
- To enable sort operations on instances of a class, implement the __lt__ special method.
- Note: See section 3.4 of the Python Language Reference for a list of other special methods