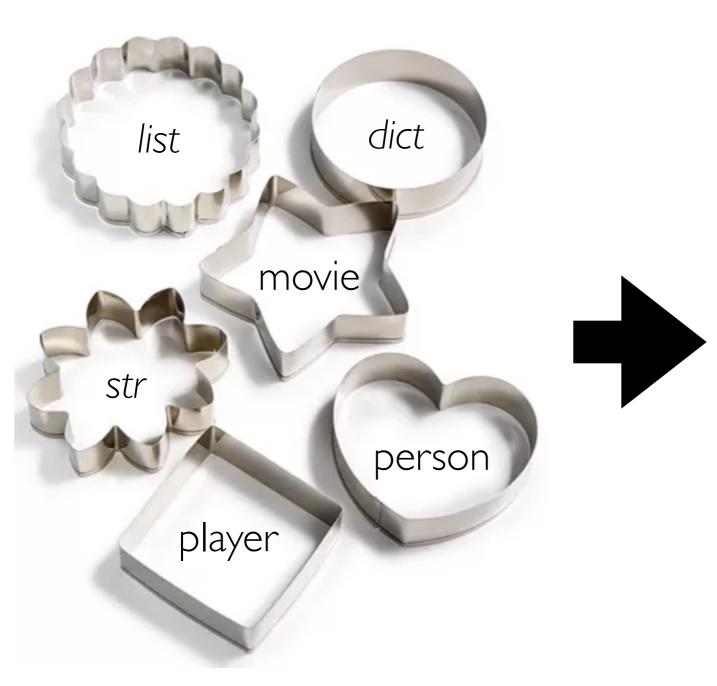
[320] Object Oriented Programming

Tyler Caraza-Harter

Creating New Types

Classes and Other Types



Objects



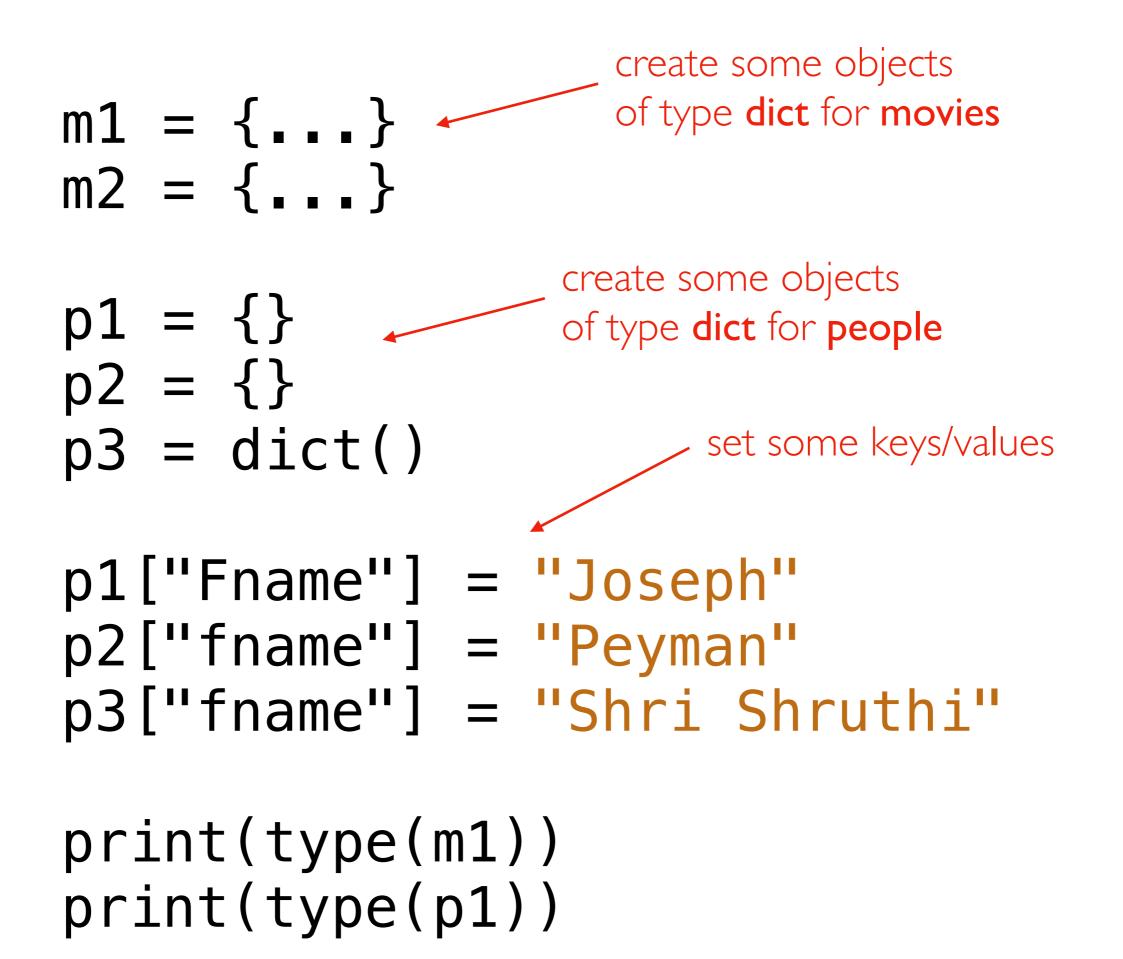
 $https://www.macys.com/shop/product/martha-stewart-collection-set-of-6-cookie-cutters-created-for-macys?ID{=}5467270$

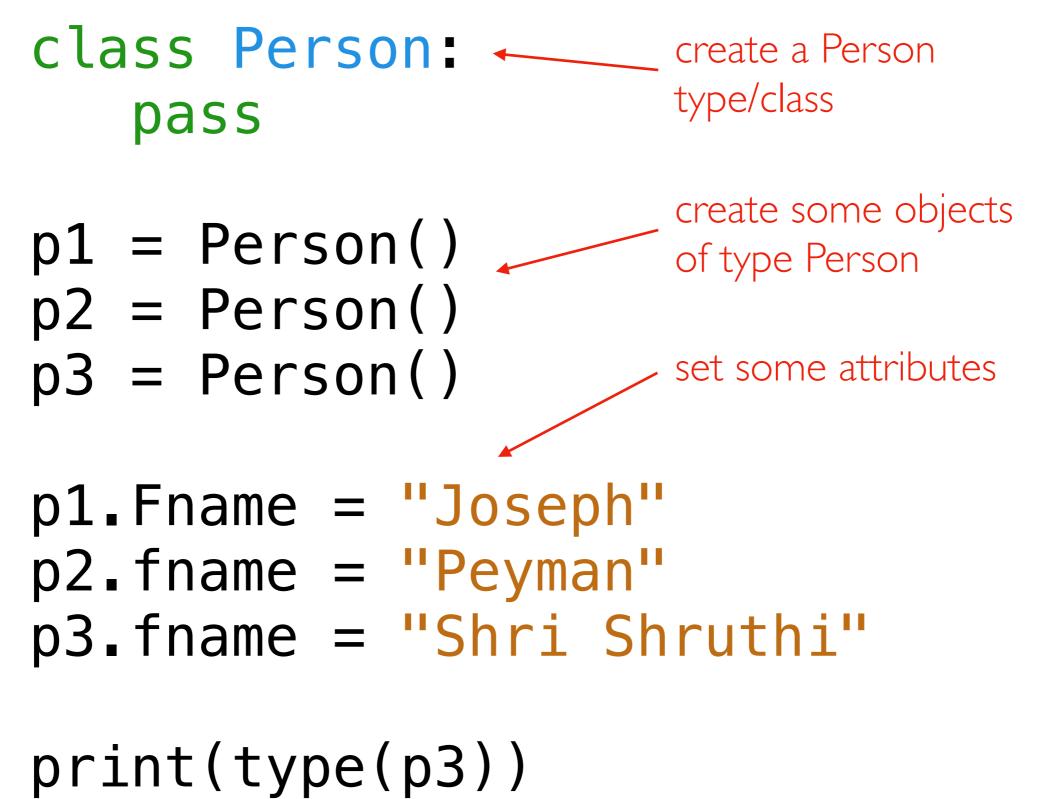


dicts can represent many kinds of things

https://earthquake.usgs.gov/fdsnws/event/1/query? format=geojson&starttime=2022-02-08&endtime=2022-02-09

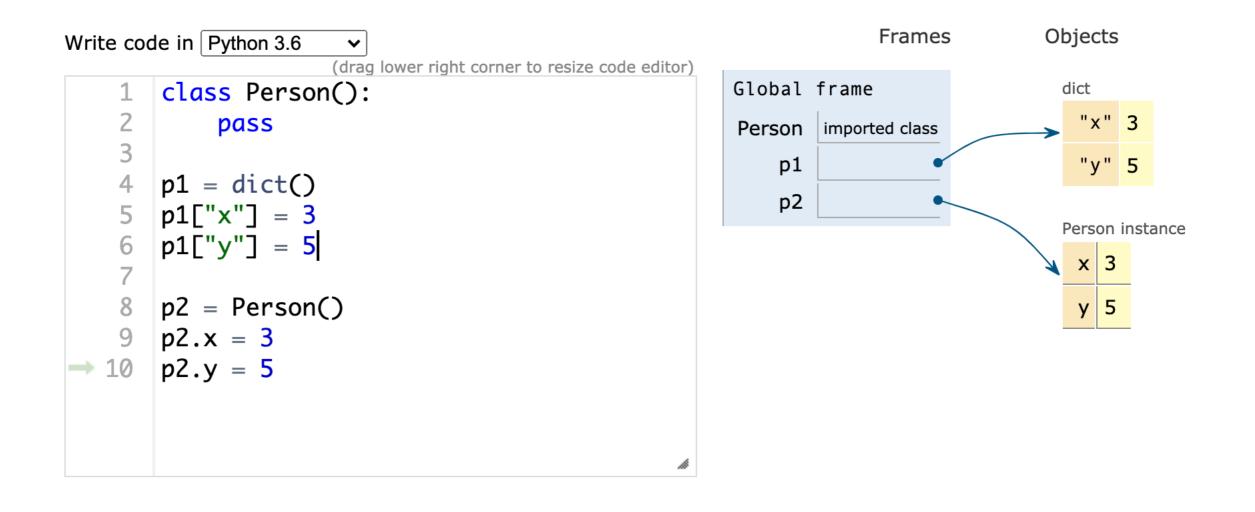
classes (today) are often a better option when all your keys are the same





Objects created from classes are mutable. Attribute names are not fixed at creation.

PythonTutor: Compare dicts to class types



Coding Examples: Animal Classes

Principals

- objects and functions
- methods
- checking object type
- type-based dispatch
- receiver (self parameter)
- constructors

