

Classes

Python types: int, float, string, boolean (true or false)

Contact: Name person = ["JohnDoc", 29, 4079987622,
 Age 1213]
 Phone#
 Birthday mon day

mon day

person[0] → might be hard to remember that this is the code for name!

person[1]

maybe `person[name]` // Dictionary exists

We'll do differently. We want name to be a variable "inside" of a Contact variable (object)

Python allows us to create our own type!

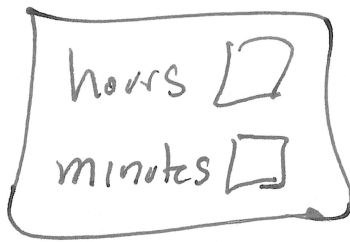
But often times, we would like to define specific functions that ONLY operate on an object of that type.

When we allow a programmer to define their own type and associated functions (methods) this is called defining your own CLASS.

Required Parts : (G) Instance Variables
- parts of the object

(b) Constructor - builds ^{an} object of the class.

Time Object



When you're in the class
you refer to these as

self.hours

self.minutes

~~for~~

time1 = Time(3, 5)

↑ ↑
h m

must be class name

Main

~~for~~

time1

