Interitance

- Creete as an example a Weighted Dice Set class

that has a different roll() implementation

Using random. choices. — This is 3.6 andy!!! See

Using super() with __init__ to call Dice Set init

i.e. random.choices (and range(1, sides+1), veights=weights, k=number

i.e. random. choices (and sange (1, sides+1), weights = weights, k = number)

then use sum ()

montion explicit super usage, i.e. super (weishtedvice Set, self)

Multiple Inheritance and MRO

class Bor Foo;

def span(solf);

print ('foo span')

Class Bor (For);

dof span (solf);

print ('bar span')

super(), span()

class Bez (Foo)!

def span(self):

class Quux (Bar, Baz)
def span (solf):

Spam, see what happens.

Chack Quux, Mro()

static methods E lewe decorators as Class and amagic" for now, explain briefly higher-order Add a coston constructor functions. to Dice Set much like datatine, now () = show example. Oclassmethod def tds (cls): - make a set of 3 six-sided return c/s(3,6) dice. Also explain Ostationetted, explain reduced read in Python but possible convenience (module namespacing). Property Decorator Do an example with number of dice being verbose! (a) property def number (self): print ("fotching # of dice") return self. _number also implement of number doister @ number Setter def number (self, value): print (" setting # to {3". Format (value)) self -number = value Double Underscore variables (I don't use these make a -- for variable in Dixe Set, look at it in a weighted Dice Set, ote ...

Intro to the dunders | Make sure to highlight the |

(if we missed this)

Make sure to highlight the |

language reference

| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language reference
| language

Next go over --add -- for diceset, only allow adding Dice Set objects with the same base and Sides.

Discuss implications for Weighted Dice Set, attel

Algedor cinder

Finally explore --get:tem-- and _-setiten-to allow access to the weights on a weighted vice Set
as & subscripts.

Note: random. choices () is python 3.6+, use this helper function instead

det - weishted - choice (weights):

Roturn a random list index from list of weight by weight

Val = random. random * sum (weights)

for idx, weight in Gnunerate (weight)!

if val < weistt:

val == woisht

or write this as a method of weighted Dice Set