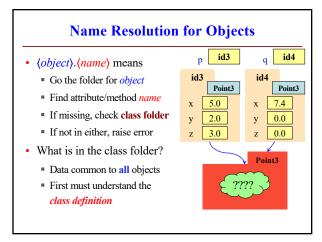
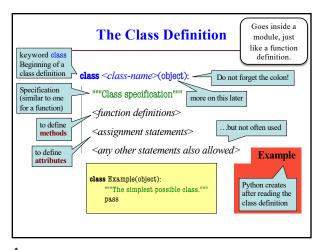
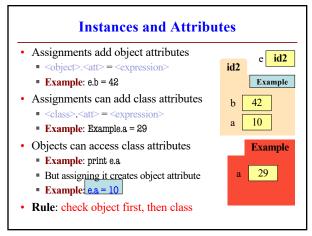


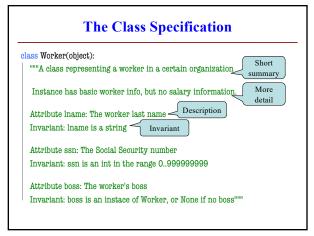
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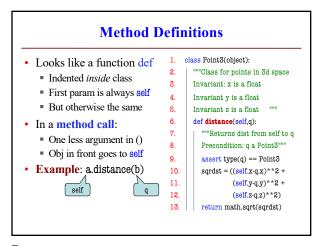
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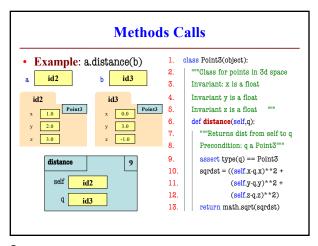




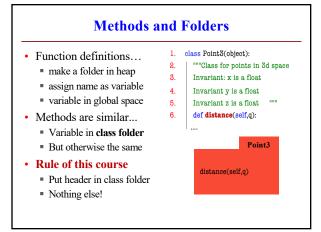
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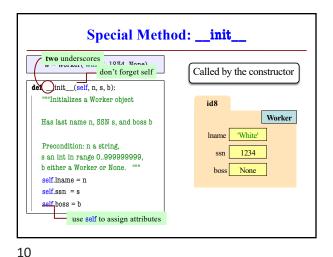
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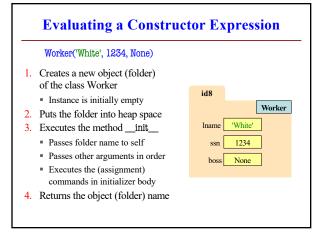


7 8





9



Making Arguments Optional class Point3(object): We can assign default values 1. to __init__ arguments 2. """Class for points in 3d space Invariant: x is a float ■ Write as assignments to parameters in definition Invariant y is a float Invariant z is a float 5. Parameters with default values are optional def __init__(self,x=0,y=0,z=0): **Examples:** 8. """Initializes a new Point3 p = Point3() # (0.0.0) 9. Precond: x,y,z are numbers""" p = Point3(1,2,3)# (1,2,3) 10. self.x = xp = Point3(1,2) # (1,2,0) 11. self.y = yp = Point3(y=3)# (0,3,0) 12 self.z = z■ p = Point3(1,z=2) # (1,0,2)

11 12

2