op=operator - No upique else node od = operant exists in Python AST (u) = unique - Same for 'in' Square.py from Shape_Rectangle import Rectangle ← # 60(Class Square (Rectangle): 3 """Square shape class."""
4 Op(u) od(u) x2
pd(u) def init_(self, side): od(u) 6 opcop for i in range (10): opcop opcop op(v) if(side (= 0): op(v)

self name = "Invalid Square" od(v)

p(v) elif(side (= 100): op(v)

self name = "XL Square" od(v)

self name = "XL Square" od(v)

else: op of od(v) Self, name = "Square" od(v) Halstead Metrics Unique Operators (n1):11 Total operators (ND:20 Unique operands (nz):15 Total operands (N2):22 Traditional Metrics -LOC: 12 - Length of identifor: Identifiers: Square, Rectangle, -- nit --, self, side, i, range, side, super, -- init -- , side, side, side, self, name, side, self, name, self, mame

- Fan-in: & Square. __init__: 0, range: 1, Rectangle. _ - init__: 1
- Fan-out: Square. _ -init - -: 2

super().init(), range

- CC: (next page)

Nodes = 11
Edges = 13

$$CC = E - N + 2$$

= 13 - 11 + 2
= 4

OO Metrics

WMC: Square: 1

NOC: Rectangle: 1.

QIT: Square: 2

2

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