

class Line:

start: Point

end: Point

def __init__(self, start: Point, end: Point):

self.start = start

self.end = end

def get_length(self) → float:

x_diffs: float = self.end.x - self.start.x

y_diffs: float = self.end.y - self.start.y

return (x_diffs**2 + y_diffs**2)**0.5

def get_slope(self) → float:

x_diffs: float = self.end.x - self.start.x

y_diffs: float = self.end.y - self.start.y

return y_diffs / x_diffs

old_well: Point = Point(2.0, 1.0)

Poll: Point = Point(7.0, 5.0)

Path: Line = Line(old_well, Poll)

Print (path.get_length())

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