importing the data for the variables we need
    passenger _ count = 1
    time _ of _ day = 12
    pickup_latitude = 15
    pickup_longitude = 5
    dropoff_latitude = 10
    dropoff_longitude = 3

# shortening the variable terms
    pg = passenger _ count
    rr = time _ of _ day
    distance = euc _ distance
    lat 1 = pickup_latitude
    lat 2 = dropoff_latitude
    long 1 = pickup_longitude
    long 2 = dropoff_longitude

defining the euclidean distance then getting the answer for it
    def euc_distance (lat1, long1, lat2, long2)
        return ((lat 1 - lat 2) ** 2 + (long 1 - long 2) ** 2) ** 0.5)
    14.5

25
✓

calculating the total taxi fare depending on distance, ride rate, & # of people
    fun (tax _ fare) = (distance ** rr ** pg)
        return tax _ fare

(14.5 × 2 × 1)

    = (14.5 × 2 × 1) = 29

fare amount is $29

④