1. This may be the one time I offer a coding assignment in an algorithms class. As I understand it, all students will have had experience with Java prior to taking this class. So I’m attaching some skeleton code - it’s your job to implement the function computeMinDist. I think it should be kinda fun. You’re not allowed to change anything other than computeMinDist, but you are allowed to create helper functions as you see fit (for example, you could create a function to make the recursive call and just use computeMinDist as a wrapper).