1. I would use a list for this problem to store all the names that are inputted and a if statement to check if the input is empty and if it is, then break the while loop collecting the names.
2. I would use a range and store the 2 most recent values calculated in 2 variables and do the fibonacci addition n times using i in range(n):
3. I would use a tuple for this and ask for the x, y, z values for each of the 2 coordinates and store them as x1, y1, z1, x2, y2, z2 and then make them into tuples by saying coor1 = (x1, y1, z1) and similarly for the second coordinate. Then, use either the math.dist() function or perform my own function by fetching each of the values and calculating differences for pythagoras