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Read.Me

The first thing I did was set up a class. The first thing I did was creating the participation projects with class participant:. I then had to run through the various files that were required for this project. The first functions that I defined was def getName and def getDistance. This was just for ease of access for my own coding since both of these functions had the variables I would needed later on. I then set up \_init\_ which helped to set up my initializer method and setting the name and initial distance variables for \_init\_. Since we already have the function name for our excel files and our distance variable for the accumulator. I then set up the def getRuns and def addDistance which are the accumulators for the distances ran and for the accumulator of distance ran for people that logged in more than one race. Both of these accumulators read the data from the excel file inputted and add it to the count. This will allow us to see how much distance was ran and by who in our excel file. Once the functions have been defined I defined def\_str\_ and deftocsv. This allowed us to return a string with our name, distance ran and how much distance/runners who ran more than once were present. We also are right aligning our string with a limit of 20 characters for the names of our participants. Then with tocsv to convert our data to the correct excel format. Imputed here was a getdatafromfile function which included r.strip and split which allowed us to split the two columns we received from our excel document and remove both columns new line’s character. Finally using printKV allowed me to format the read files in spacing and truncate whatever amount of spaces we require. Since all the functions I needed was defined I wrote in my main function to read and format the data read from excel. Finally I set the minimum and maximum distance for our dictionaries along with resetting the minimum or maximum whenever we read the next lowest/highest position. Finally I simply wrote printkv to display the information that was just read and created a function that will create an output file with the information that we just read and formatted.