#create program that reads all info in a text file

#and that calculates the sum of all numbers in text file

#then displays value as total points to screen

#then calculate average off all values (scores) then

#display average as a percent score to screen

#make sure program handles IOerror and ValueError exceptions

try:

#open numdata file

datafile = open('numdata.txt', 'r')

#read all numbers from the file

num1 = int(datafile.readline())

num2 = int(datafile.readline())

num3 = int(datafile.readline())

num4 = int(datafile.readline())

num5 = int(datafile.readline())

num6 = int(datafile.readline())

num7 = int(datafile.readline())

num8 = int(datafile.readline())

#close the file

datafile.close()

#add numbers/get average/ get percent

total = num1 + num2 + num3 + num4+ num5 + num6 + num7 + num8

average = total/8

per = average/total

percent = per \* 100

#disply numbers and info

print('The scores are: ', num1, num2, num3, num4, num5, num6, num7, num8)

print('The total of the scores is: ', total)

print('The average score is: ', average)

print('The percentage of the average is : ', percent)

except IOError:

print('An error has occured while reading the data file')