

Create a “.csv” file for age and body fat from the data table below. Then write an R program to read from your “.csv” file and solve the problem.

Your R program should be **commented**, and **structured**. Please place your file in a directory named after you, zip it and submit it to canvas.

Suppose that a hospital tested the age and body fat data for 18 randomly selected adults with the following results:

<i>age</i>	23	23	27	27	39	41	47	49	50
<i>%fat</i>	9.5	26.5	7.8	17.8	31.4	25.9	27.4	27.2	31.2
<i>age</i>	52	54	54	56	57	58	58	60	61
<i>%fat</i>	34.6	42.5	28.8	33.4	30.2	34.1	32.9	41.2	35.7

- Calculate the mean, median and standard deviation of *age* and *%fat*.
- Plot the boxplots for *age* and *%fat*.
- Plot a scatter plot and a q-q plot based on these two variables.