INSTRUCTIONS

Create a new R Script named Lab1Task\_FirstnameLastname eg Lab1Task\_SusanConnolly. Make sure to save regularly so as not to lose your work.

When you have completed the task, upload your R file as a text \*.txt file in the Assignment.

MAKE SURE YOU UPLOAD THE CORRECT FILE. DO NOT UPLOAD YOUR WORK FROM THE LIVE LAB

You may make multiple attempts, however note that only the latest attempt submitted before the deadline will be graded.

In a single file, write code to conduct the following tasks and comment the code clearly using # eg

eg

#see summary statistics for the variable AGE

summary(Lab1$AGE)

or

summary(Lab1$AGE) #see summary statistics for the variable AGE

TASKS

Read in the csv file Lab1.csv using code, not the Import button

Display summary statistics for the variable EARN

Display frequencies of the variable Job.class

Display a three-way cross-tabulation of the proportions of variables Educ, Gender and Job.Class (Hint: In the live lab you made a three way cross tabulation of frequencies, and also a 2-way table of proportions.)

Create a basic histogram of the variable EARN

Create a basic boxplot of the variable EARN by EDUC

Create a new variable AGE\_500 that is equal to Age divided by 500

Create a scatterplot with AGE\_500 on the x axis and EARN on the Y axis