Assignment 1

A researcher in Neuroscience is interested in the impulsivity of people.  Impulsivity has been linked with obesity and addiction in humans.  A new drug Repoxodin is being developed to reduce impulsivity.  Subjects are either given the compound or a control and then after the drug takes effect given four different tasks (in random order) that measure impusivity.  The tasks are labeled T1, T2, T3 and T4.  To keep track of the subjects, codes are given which correspond to Control (C) or Repoxodin (R), subject number and gender (M) or (F).  For example R15F would correspond to Subject 15 who is given Repoxodin and is Female.

The researcher is in Galveston Texas and has collected the information on paper.  She has sent a picture of the data which is attached.  Since the analysis will be done in SAS you will need to get this information into SAS.

Tasks:

a.  Use a DATA step with the DATALINES statement to put the data into SAS.  Be sure to Have separate columns for Repoxodin or not, Gender and Subject number as well as each of the measurements. (40 pts)

b.  Create two subsets of the data one for Repoxodin or not. (10 pts)

c.  Create two subsets of the data one for Male and one for Female. (10 pts)

d.  Find basic summaries of each of the numeric variables for each of the five datasets. (20 pts)

Be sure to comment your code well.  Only the code will be uploaded.  20 points will correspond to how well the code is commented.