Project 1

Due Thursday, January 25 in Class

(No late assignments are accepted)

A data set called **surveydata0.txt** was created in the context of Project 1. Column 1 records the ID numbers for the completed surveys. Columns 2 to 11 record the survey results. For a question with k possible answers, codes 1, 2, …, k are used to code the k answers, 8 is used to record a missing answer and 9 is used to record the case of an unexpected answer. Column 12 is used to record the waiting times in minutes related to Question 2 when the initial answers are No. For Questions 4 to 7, number 0 is used to indicate that no answers are expected from the patients (that is, if one's answer to Question 3 is No, Don't remember, missing or an unexpected answer, then the corresponding fields for this person under Questions 4 to 7 should be filled with 0).

Please **read** the above protocol **carefully**, **follow** the instructions **closely** and **state** your answers **clearly** when you use **surveydata0.txt** to perform the following:

1. Check the data for errors or inconsistencies (**report what is wrong and where it occurs**).

2. *Without making **any** change to the supplied surveydata0.txt,* how many patients supplied at least one unexpected answer?

3. *Without making **any** change to the supplied surveydata0.txt,* how many patients had at least one missing answer?

4. *Without making **any** change to the supplied surveydata0.txt and for those patients who said they did not meet a nurse promptly*, what was the average waiting time?

5. Do you find any doctor or doctors who contributed to the (good and/or bad) reputation of the Centre? Give your reason(s) to back up your conclusions.