Code Book for Getting and Cleaning Data programming assignment on Coursera

NOTE (IMPORTANT):

I have only extracted the mean and standard deviation of all measurements from X_train.txt and X_test.txt as stated in the instructions (unless I understood wrong, in which case, this whole script might be incorrect, but I prefer not to think about it). I found 53 mean measurements and 33 standard deviation measurements out of the 561 measurements present in the data set, coming to a total of 86 variables whose measurements I extracted and now present to you in the data set.

The following variables are used in the **data-gc.txt**:

SubjectNumber : It denotes the ID of the subject whose mean measurements of activities and variable are presented under the following variable Names.

1. LAYING. tBodyAcc-mean()-X
2. SITTING.tBodyAcc-mean()-X
3. STANDING.tBodyAcc-mean()-X
4. WALKING.tBodyAcc-mean()-X
5. WALKING_DOWNSTAIRS.tBodyAcc-mean()-X
6. WALKING_UPSTAIRS.tBodyAcc-mean()-X
   And so on for the other measurements.

The next list of variables are used in the **data-table-final.txt** created using the script:

1. SubjectNumber: denoting the ID of the subject
2. SubjectType : denoting the type of the subject, “train” for training subject and “test” for test subject.
3. ActivityNum : the type of activity denoted by numbers as found in activity_labels.txt in the data set
4. ActivityName : descriptive name of the activity, again as found in the activity_labels.txt file.
5. tBodyAcc-mean()-X and so on for the measured variables as found in features.txt.