CODE BOOK FOR DATASET (FROM OUTPUT_DS.TXT)

experiment_id	integer
Identifies the experiment that was conducted	
subject_id	integer
Identifies the subject of the experiment	
activity_name	factor
Identifies the activity that the subject was performing in the experiment • WALKING • WALKING_UPSTAIRS • WALKING_DOWNSTAIRS • SITTING • STANDING • LAYING	
Other variables (List of variables are given in the following)	numeric
Describes the signal that was measured by the accelerometer and gyroscope and the estimated statistic that was derived: a) <t/f>BodyAcc_<mean/std>_<X/Y/Z> Mean/standard deviation of the time/frequency domain signals from the accelerometer in the X/Y/Z direction b) <t/f>GravityAcc_<mean/std>_<X/Y/Z> Mean/standard deviation of the time/frequency domain signals for gravity acceleration in the X/Y/Z direction c) <t/f>BodyAccJerk_<mean/std>_<X/Y/Z> Mean/standard deviation of the time/frequency domain signals for the jerk signals of body acceleration in the X/Y/Z direction d) <t/f>BodyGyro_<mean/std>_<X/Y/Z> Mean/standard deviation of the time/frequency domain signals from the gyroscope in the X/Y/Z direction	

e) <t/f>BodyGyroJerk_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals for the jerk signals from the gyroscope in the X/Y/Z direction

f) <t/f>BodyAccMag_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals from the accelerometer in the X/Y/Z direction using the Euclidean norm

g) <t/f>tGravityAccMag_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals for gravity acceleration in the X/Y/Z direction using the Euclidean norm

h) <t/f>BodyAccJerkMag_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals for the jerk signals of body acceleration in the X/Y/Z direction using the Euclidean norm

i) <t/f>BodyGyroMag_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals from the gyroscope in the X/Y/Z direction using the Euclidean norm

j) <t/f>BodyGyroJerkMag_<mean/std>_<X/Y/Z>
Mean/standard deviation of the time/frequency domain signals for the jerk signals from the gyroscope in the X/Y/Z direction using the Euclidean norm