CODEBOOK

subject <fct>
activity <fct>

body acceleration time signal <dbl>

tBodyAcc-mean()-X
  mean in X direction
tBodyAcc-mean()-Y
  mean in Y direction
tBodyAcc-mean()-Z
  mean in Z direction
tBodyAcc-std()-X
  standard deviation in X direction
tBodyAcc-std()-Y
  standard deviation in Y direction
tBodyAcc-std()-Z
  standard deviation in Z direction

gravity acceleration time signal <dbl>

tGravityAcc-mean()-X
  mean in X direction
tGravityAcc-mean()-Y
  mean in Y direction
tGravityAcc-mean()-Z
  mean in Z direction
tGravityAcc-std()-X
  standard deviation in X direction
tGravityAcc-std()-Y
  standard deviation in Y direction
tGravityAcc-std()-Z
  standard deviation in Z direction

body acceleration jerk time signal <dbl>

tBodyAccJerk-mean()-X
  mean in X direction
tBodyAccJerk-mean()-Y
  mean in Y direction
tBodyAccJerk-mean()-Z
  mean in Z direction
tBodyAccJerk-std()-X
  standard deviation in X direction
tBodyAccJerk-std()-Y
  standard deviation in Y direction
tBodyAccJerk-std()-Z
  standard deviation in Z direction

body gyro time signal <dbl>

tBodyGyro-mean()-X
  mean in X direction
tBodyGyro-mean()-Y
  mean in Y direction
tBodyGyro-mean()-Z
  mean in Z direction
tBodyGyro-std()-X
  standard deviation in X direction
tBodyGyro-std()-Y
  standard deviation in Y direction

```
      tBodyGyro-std()-Z
        standard deviation in Z direction

body gyro jerk signal <dbl>

      tBodyGyroJerk-mean()-X
        mean in X direction
      tBodyGyroJerk-mean()-Y
        mean in Y direction
      tBodyGyroJerk-mean()-Z
        mean in Z direction
      tBodyGyroJerk-std()-X
        standard deviation in X direction
      tBodyGyroJerk-std()-Y
        standard deviation in Y direction
      tBodyGyroJerk-std()-Z
        standard deviation in Z direction

body acceleration magnitude time signal <dbl>

      tBodyAccMag-mean()
        mean
      tBodyAccMag-std()
        standard deviation

gravity acceleration magnitude <dbl>

      tGravityAccMag-mean()
        mean
      tGravityAccMag-std()
        standard deviation

body acceleration jerk magnitude <dbl>

      tBodyAccJerkMag-mean()
        mean
      tBodyAccJerkMag-std()
        standard deviation

body gyro magnitude time signal <dbl>

      tBodyGyroMag-mean()
        mean
      tBodyGyroMag-std()
        standard deviation

body gyro jerk magnitude <dbl>

      tBodyGyroJerkMag-mean()
        mean
      tBodyGyroJerkMag-std()
        standard deviation

body acceleration frequency signal <dbl>

      fBodyAcc-mean()-X
        mean in X direction
      fBodyAcc-mean()-Y
        mean in Y direction
      fBodyAcc-mean()-Z
        mean in Z direction
      fBodyAcc-std()-X
        standard deviation in X direction
      fBodyAcc-std()-Y
        standard deviation in Y direction
```

fBodyAcc-std()-Z
  standard deviation in Z direction

body acceleration jerk frequency signal <dbl>

fBodyAccJerk-mean()-X
  mean in X direction
fBodyAccJerk-mean()-Y
  mean in Y direction
fBodyAccJerk-mean()-Z
  mean in Z direction
fBodyAccJerk-std()-X
  standard deviation in X direction
fBodyAccJerk-std()-Y
  standard deviation in Y direction
fBodyAccJerk-std()-Z
  standard deviation in Z direction

body gyro frequency signal <dbl>

fBodyGyro-mean()-X
  mean in X direction
fBodyGyro-mean()-Y
  mean in Y direction
fBodyGyro-mean()-Z
  mean in Z direction
fBodyGyro-std()-X
  standard deviation in X direction
fBodyGyro-std()-Y
  standard deviation in Y direction
fBodyGyro-std()-Z
  standard deviation in Z direction

body acceleration magnitude frequency signal <dbl>

fBodyAccMag-mean()
  mean
fBodyAccMag-std()
  standard deviation

body acceleration jerk magnitude frequency signal <dbl>

fBodyBodyAccJerkMag-mean()
  mean
fBodyBodyAccJerkMag-std()
  standard deviation

body gyro magnitude frequency signal <dbl>

fBodyBodyGyroMag-mean()
  mean
fBodyBodyGyroMag-std()
  standard deviation

body gyro jerk magnitude frequency signal <dbl>

fBodyBodyGyroJerkMag-mean()
  mean
fBodyBodyGyroJerkMag-std()
  standard deviation