Getting and cleaning data

1) Getting the data and unzipping the files from the URL

2) Create the activity and feature tables and format the data in the tables to include the content without the indexes (second columns)

3) We format the features to use it in loading the training and testing data

4) Load the training and testing datasets using the dataset formatted from features data that include mean and standard deviation

5) We form the trainSet and testSet datasets using the Y,X, and Subject text files

6) We merge testSet and trainSet datasets together to form combinedActivity dataset

7) We use factor to categorize the activity variable

8) We create the tidy.txt file to calculate the mean of subject and activity