The input data for this project was:

- 'features.txt': List of all features.
- 'activity_labels.txt': Links the class labels with their activity name.
- subject_train.txt': Each row identifies the subject who performed the activity for each window sample. Its range is from 1 to 30.
- X_train.txt': Training set of measurements
- y_train.txt': Training labels.
- subject_test.txt': Each row identifies the subject who performed the activity for each window sample. Its range is from 1 to 30.
- X_test.txt': Test set of measurements
- y_test.txt': Test labels.

These should all be included in the input directory for anyone running the code.

The tables that I created (in order to form the final table) were:

- ‘train_full’: Collates the subject, y and X train tables in 1 table.
- ‘test_full’: Collates the subject, y and X test tables in 1 table.
- ‘df_full’: Binds together the test and train data.
- ‘df’: Keeps only the variables that have mean or standard deviation, renames the variables to the feature names and changes the activities from number to name.

The final table is:

- ‘tidy_data’: Averages each of the variables per subject and per activity.

The final table is the document ‘tidy_data_table.txt’.