This is the document to describe the code which is used to create a tidy data set from given data sets.

Site from where data is obtained:

<http://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones>

Data for the project:

<https://d396qusza40orc.cloudfront.net/getdata%2Fprojectfiles%2FUCI%20HAR%20Dataset.zip>

Script :

**Run\_analysis.R**

The script performs following functions

* It download and unzip the file available from the file location
* See the list of available files
* Get activity, subject and features data into variables
* Do the data concatenation of both training and test variables
* Give the variable names
* Get the subset data based on required measurements mean and standard deviation
* Create a final dataset tidy data set and write it to current directory