This folder contains all programs needed to extract and display data for MeditationProject2, which contains recordings from Brahmakumaris (BK) practitioners (both advanced and beginners) and non-BK controls. EEG recordings are done at CNS.

1. Follow this sequence to extract the data
   1. subjectDatabaseMeditationProject2 contains the list of all subject codes and experiment dates. This needs to be updated after each recording. No subject specific information is available in these programs.
   2. After EEG recording is over, the rawData should be kept within a data folder immediately outside this folder. The location of this parent folder is called folderSourceString. For example, if folderSourceString is C:/MeditationProject2, then this folder will be C:/MeditationProject2/programs and data folder will be inside C:/MeditationProject2/data/rawData.
   3. Run runSegmentAndSaveData to extract and save data in a standard format used in the lab. This data is saved in individual folders within the data folder.
   4. Run runFindBadTrials to run the standard pipeline to get good electrodes and a common set of bad stimulus repeats for all electrodes.
2. To display the data, use displayMeditationData
3. Things to do
   1. Display bad eye and bad trials in the display plot (done)
   2. Plot time series of power in alpha and gamma bands
   3. Make Montage of the new ActiCap64 (done)
   4. Save eye data appropriately (done)

**Understanding the Data Structure:**