

Notes on week 5 extra activity

This activity is based on Dr. Finley's code: *CompileJointAngleData.m*

You can find the code [here](#):

It's strongly recommended that you watch [this](#) video of Dr. Finley explaining what his original code is about. The code is about compiling the raw .mat files into one .mat file. You need to download [this file](#) and extract it on your computer. 50 .mat files will be stored in the folder named 'All Subjects'.

If you don't have much time and would like to dive into this activity, please first check the original code: *CompileJointAngleData.m*. I tried to save the code bits in this activity script, but I may have erased something.

The focus of this activity is to let you practice more with the use of for loop, struct, and some features similar to what's introduced in week 4 activity (ex. applying a function to the entire table).

Q6 can be a bit challenging. Your answer should be in the form of "**A = cat(..)**". It is a single line. **A** is the field of Sub_Joint_Angles whose name matches the value of 'Task' defined in *line 161* and possibly modified inside the if-else-end block in *lines 170-174*. The method to call a specific field using the name of the field is described in *lines 65-76*.