scope_to_mat: anaLOG scope dump to Matlab .mat file converter

USAGE: scope_to_mat filename

You should have dumped some variables from anaLOG scope mode using "dump" and given the file a name (no extension). anaLOG will have created a file: filename.text. scope_to_mat will read this file and create a filename.mat file. .mat files are the kind of files produced by the Matlab "save" command. They are a dump of the current workspace. Thus, after running scope_to_mat, you can enter Matlab and then execute: load filename. At this point the Matlab "who" command should list the variable names that were present on the scope back in anaLOG. There will always be a variable "TIME" in the file, as anaLOG writes this as a record of the time points at which the other variables were recorded and plotted on the scope (sort of the scope horizontal axis). Notice that the values of the variable "TIME" do not increase by constant increments.