CSE 1325: Information for Generating Script File for Projects
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1. Instructions for creating a script file for the project

   A script file is a recording of everything that is printed on the computer screen from the time the script session is started (with the command **script**) until the script session is ended (with the command **exit)**. Following are all the steps needed to make the script file for your assignment. See the man (manual) page on omega for more info about script (omega> man script)

   a. Remove old compiled versions of the code in the project directory with the command:

      omega> rm *.class (be careful not to remove .java files; NO space after *)

   b. Start the recording of the script file that you will call *scriptfilename.* The *scriptfilename* should include your omega ID, your last name, the project number, and the section. Use the following file name for the script file: *omegaID_lname_projectX_section.log*. Use the command:

      omega> script <*scriptfilename*> (e.g., Omege> script *sharma_chakravarthy_project1_001.log)*

   c. Print a listing of the current directory (to show that there is no compiled version of your project in the current directory)

      omega> ls -l

   d. Using the **cat** command, output the program source file (your program) to the screen so that it is recorded in the script file. If you have multiple files, just cat them one after another. (cat stands for concatenate)

      omega> cat Time.java (example for project 1)

   e. Compile your source files (assuming only this project files are in this directory)

      omega> javac *.java

   f. List the directory again showing the new compiled files (or .class files)

      omega> ls -l

   g. Run the program by invoking whatever your compiled program is named. Run any given sample data and your chosen data as well.

      omega> java <java file with the main program> (driver class)

   h. Execute commands as specified for the project

   i. When you have run all the commands specified for that project and are satisfied with the results (many commands may have to be executed multiple times), end the script session by typing

      omega> exit

   j. To eliminate excess blank lines in your script file (in case you want to print it) you can do the following. Remember this command uses the *scriptfilename* as the input. You should save the resulting file into a new script file name (*new_scriptfilename*)

      omega> col -b < *scriptfilename* > *newscriptfilename*

   k. Include the above file as part of your project submission through blackboard