A. V. Gerbessiotis CS 101

Sep 15, 2014 Fall 2014

Mini-Project Guidelines Handout 2

1 Introduction

The Guidelines for submitting a Mini-Project are outlined in this document. For the remainder we assume that you are submitting an implementation outlined in a fictitious Mini-Project numbered `K` (in this course, `K` is a small integer such as `1 or 2`) and the last four digits of your NJIT ID (NOT YOUR SOCIAL SECURITY NUMBER) are `WXYZ`. If you do not know your NJIT ID make sure that you find it out. It will be required in all exams as well. Even if you are a Rutgers student, you still have an NJIT ID. The NJIT grading system records NJIT IDs; so login to `my.njit.edu` to get your NJIT ID. If you provide us with your SSN digits you will confuse us. Your SSN is a private piece of information. **WE WILL NEVER ASK YOU TO REVEAL YOUR SSN TO US!**

The symbol _ we are using is the underscore symbol, not the minus/dash - symbol.

- Example Mini-Project, is mp `K`, and will appear as `mpK`.
- Example last four digits of ID are `WXYZ` and will appear as `WXYZ`.

2 Checklist for submitting a mini-project

1: **Pack things up.** You may use an archiving program such as `tar` or `zip` or `rar` but nothing else. Include a `mpK_WXYZ.txt` that might contain bug information or instructions. You pack up all your files into one that reads `mpK_WXYZ.zip` or `mpK_WXYZ.tar` or `mpK_WXYZ.rar`. Case is important.

2: **Compose email.** Read the homework to determine the email addresses that will be used for sending an email (instructor's and grader's). You may also wish to send this email to your own email address as well. Prepare the email and attach the relevant information from Step 1 but make sure that the Subject line conforms to Step 3 below.

3: **Subject of email.** Make sure that your email has a **subject line** that indicates the course number, assignment number, and the last four digits of your id; you may include a section number as a three digit quantity but it is not required. A subject line such as `CS101 mpK WXYZ` is an acceptable one. Do not connect the three words with dashes, underscores or other punctuation marks. (It's a Google quirk.)

4: **Send email.** When you are done with the composition of your email, and have formulated a proper subject line, think twice before hitting the send button. CC your email to one of your email accounts to verify TRANSMISSION. Some devices delay transmission. Try to use an NJIT account to send the email; NJIT's spamming filters might block emails from other accounts! Now that you have thought of those items, you may hit the Send Button and submit the mini-project.
We acknowledge emails promptly and if they are received during regular hours, rather quickly.

Turn Page

3 Programming, Testing, Submitting

BTW, an M-file is a text file that contains MATLAB commands. It is called an M-file because it contains MATLAB code and the name of the file ends with .m. The `.m` or just the `m` is called the filename suffix.

A. TESTING: Use the files you submit to test your code. Test your code on a LAB machine. This means collect the archive, unarchive it, generate the relevant (one or more) M-file(s) and test them by running (i.e executing) them. This is what the TA will do. If it does not work for you, it won't for him/her either!

B. TESTING: Note for OSX users. OSX-related generated submissions pack directories and other irrelevant files as an archive. Make sure you do not do so. So do not forget step A!

C. SUBMITTING: Files to submit. Every Mini-project will provide you with specific instructions. These might include the creation of an M-file, that might be named `mpK_WXYZ.m` or similarly. The name of the functions will determine the `.m` files that you will have to create. If you plan to use additional functions, you can do so, but in this case provide documentation in each function's M-file and also in a `mpK_WXYZ.txt` file.

D. SUBMITTING: Every file must have a minimal amount of identifying information. Include in every file of yours one way or the other your last name and first name, last four digits of your NJIT ID, and also the MiniProject number plus a section number. For the M-file that we ask you to submit this will be explicitly asked by us, and you will lose points if you don't do it. For other files do something along the following example.

```
% Alex. Gerbessiotis  mpK WXYZ Section 123.
%
```

4 Grading

1. `No partial credit` will be given to submitted code that does not satisfy the previous guidelines.

2. `No partial credit` will be given to submitted code that is not interpreted error-free or is incompatible with the guidelines of the assignment. If your code fails to be interpreted error-free, we will not request retransmission.

3. `No partial credit` will be given for code that does not use the specified names of variables in the specified case (usually lower-case).

4. The grader will do most of the grading automatically using a program that checks variable names and variable values, and then inspect the submitted code. If your code has problems and you do not provide a .txt file as specified in C. Submitting above, you will lose points.

5 Using tar or zip

To untar a tar file into its individual components from the command-line prompt on an AFS machine, run the following command (the percent sign is the prompt, you do not type it). All operations are case sensitive.

```
% tar xvf mpK_WXYZ.tar
```

To create a tar archive say `mpK_WXYZ.tar` that includes individual files `A.m,B.m and C.m` do as follows.

```
% tar cvf mpK_WXYZ.tar  A.m B.m C.m
```

For zip files use the first of the operations shown below if you just want to list the contents of the zip file; or the second to extract the files. The third creates a zip file. AFS commands are available in Subject 0 as well.

```
% unzip -l mpK_WXYZ.zip
% unzip mpK_WXYZ.zip
% zip  mpK_WXYZ.zip A.m B.m C.m
```