Fall 97 - Programming in Perl - Section 1

Project Submission Guidelines

Instructor: Louis Ziantz

You may carry out your project development work on any machine. But ultimately it must run under

- `perl` (version 5.001).

All projects will be graded on an IBM workstation. Your projects must be submitted electronically as described below. Be sure that the following information is at the *top* of each source file you are submitting in the form of a comment:

- Your name.
- Course name and instructor's name.
- Which project this source file is a part of, like "Perl Homework 1".

All programming assignments should be fully tested to make sure they meet the specification of the project or homework. When testing your programs you should record your session using the utility `script`. The naming convention for the script should include the extension `.scr` . The script should include:

- A listing of the code for the program.
- Several executions testing your program.

The `script` utility logs everything you type into a file called `typescript`. You can change the name of the `typescript` to *file.scr* for example using the UNIX `mv` command. When you want to end the log make sure you type `exit`. A common mistake is to start a script, and then start another script within the first without having exited first. This will generally not behave as you desire.

Submission Scripts:

Before you can submit the first program of the semester, you must run the following command:

/dept/cs/complang/perl/scripts/create

You should run it only once this semester. The command will create the directories that your programs are to be placed in when you are ready to submit them, and will give the teaching assistant (Yu Jiang) and instructor (Louis Ziantz) read and list access for those directories. It will also set up a link allowing you to execute the script necessary to submit your programs.

The command that you use to create the directory structure creates a directory named `Perl_Proj` in your home directory. Under the `Perl_Proj` directory are separate directories for each programming assignment in the Programming in Perl course. Those directories are named `Perl1`, `Perl2`, and `Perl3`. The submission script will place your program files into the appropriate directory after you execute it.

You should develop and test each homework and project in a separate directory so you do not confuse them and also to make it easier for you to correctly submit them. **Do not** develop your programs in the submission directories. **Once you have fully tested your assignment and you are sure it is the final version**[1], submit your work using the script named:

`Perl_submit`

If you have run the `create` script then a link should be in your path (bin directory) to the `Perl_submit` executable.

Submission Outline

1. In some directory (not any of the submission directories), design, code, and thoroughly test your program (on any machine) using the utility `script` as describe above.
2. `cd` to the directory containing the files you would like to submit. Make sure these are the **only** files in this directory. The script `Perl_submit` will copy all of the files from this directory to the submission directory.
3. Issue the command `Perl_submit` and answer appropriately. This program will prompt you for which assignment you are submitting. This will also notify the TA of your submission.
4. **Do NOT** modify **any** of the files in the submission directory for this programming assignment. If it is necessary for you to make changes to your code, change the copy that is not in the submission directory (if you follow the procedure described, then they should be the same as the files that you have submitted). When the changes have been completed, repeat the submission procedure. When you submit, the TA is notified by email of the date, time, and size of all the files in your submission directory. If any of these values change in your submission directory, your project **will not** be graded, and you **will not** receive credit for the assignment.

[1]Please submit your projects *only once* and do not remove or edit your submission files after you submit it.