

## Scripting Language Tutorial

For this assignment you will be writing a tutorial for a scripting language of your choice.

1. Select a language. We have compilers/interpreters for the following:

- a. Ruby
- b. Perl
- c. Python
- d. bash
- e. tcsh
- f. Tcl
- g. PHP
- h. sed
- i. awk

You can select other languages if you work with Roger to install the necessary software.

2. You will be writing a 3 part tutorial.

- a. Part 1:
  - i. Introduce the objectives for this part of the tutorial.
  - ii. Introduce the language and how to compile/interpret a simple program (“Hello World” is sufficient).
  - iii. Introduce computation in the language. Guide the user through several calculations.
- b. Part 2:
  - i. Introduce the objectives for this part of the tutorial.
  - ii. Introduce a computational “specialty” of the language. (e.g. Swing in Java or lists in Scheme)
  - iii. Guide the user through several examples of the selected item.
- c. Part 3:
  - i. Introduce the objectives for this part of the tutorial.
  - ii. Challenge the user to create a program on their own. Sorting is fine if it is appropriate.

Date due: Tuesday, 9 December; 11:59 pm.

To turn in: A completed document called *yourlastname.doc* or *yourlastname.pdf*. If you would like to submit the tutorial in a different format (html...) please talk to me about it. If you create your document using Open Office or some other software, please make sure it opens properly using Microsoft Word on the lab computers.