

CS306 – Introduction to Perl
Fall 2007 - Homework Assignment #0
Due: Not graded, but submission is due by 8/30/07.

Guidelines for Submitting Homework

All homework should be submitted in the form of a zip file which contains one program for each question. Your zipfile must be named *lastname-hw0.zip* and should contain one text file called *answers.txt* for the written answers (if any), and then files like *hw0p1*, *hw0p2*, *hw0p3*, etc... for the programming assignments.

To make this very clear, this is the structure your HW submission must have:

```
lastname-hw#.zip
  answers.txt
  hw0p1.pl
  hw0p2.pl
  etc....
```

No deviations from this structure.

Make sure your name also appears in all source code files! Email this zip file to cs306@cis.uab.edu. **When emailing this file email a copy to yourself so you know the email went through ok.**

1. Get the following Hello World! program to work on a Perl platform of your choice.

```
#!/usr/bin/perl
# NOTE: The above line may change depending on platform!
# See notes below
# Joe Smith, CS306, 5/31/06
# This program says hello

print "Hello World!\n";
```

Create a file named *helloworld.pl* and type in these lines exactly as they appear. Once you have done so, in the directory with the file type the command `perl helloworld.pl` and check that your program outputs “Hello World!”

This semester all work is to be graded in the Linux operating system environment, and you are strongly urged to complete your work in this environment as well. If you use Linux at home, Perl is almost definitely already there. Type ‘`perl -v`’ at a command prompt to check that Perl is there.

To use Perl on the Linux vulcan machines in the ugrad lab, use your CIS Unix account to login. Perl should be in your PATH so just typing “`perl programname.pl`” in a terminal window should execute your *programname.pl* program in the current directory.

The vulcans are accessible remotely. You need a CIS Unix account: <http://www.cis.uab.edu/it/accountApplication.php> if you don’t already have one. Apply right away if you don’t have one yet. To access the machines from home, see <http://www.cis.uab.edu/it/howto.php>