

CSE 305 Programming Languages Spring, 2005

Homework 1

Maximum Points: 24

Due 9:00 am, Monday, January 31, 2005

Professor Shapiro

January 24, 2005

For each of the 8 programs listed below:

1. copy it to a directory of yours;
2. run it according to the instructions given in the program file;
3. give it at least 3 interestingly different inputs (the same inputs, as much as possible, for each of the 8 programs);
4. paste the interaction, including compile, run and interaction steps into a text file (use one text file for all 8 programs) named `hw1.txt`.

Then submit the text file, using the UNIX command,

```
submit_cse305 hw1.txt
```

The programs:

```
/projects/shapiro/CSE305/EchoPrograms/Echo.java  
/projects/shapiro/CSE305/EchoPrograms/echo.bash  
/projects/shapiro/CSE305/EchoPrograms/echo.c  
/projects/shapiro/CSE305/EchoPrograms/echo.cl  
/projects/shapiro/CSE305/EchoPrograms/echo.f  
/projects/shapiro/CSE305/EchoPrograms/echo.pl  
/projects/shapiro/CSE305/EchoPrograms/echo.prolog  
/projects/shapiro/CSE305/EchoPrograms/echo.py
```

Maximum Points: 3 points per program.

Notes:

1. The purposes of this homework are:
 - (a) To make sure you can run programs in each of these programming languages.
 - (b) To give you files of instructions on using these programming languages that you can refer to during the semester;
 - (c) To give you examples of programs in these programming languages you can refer to during the semester.
2. These 8 programs are as much alike as seemed reasonable. However, they use the simplest `read` and `print` commands in each language, so the format of input they take and the format of output they generate is occasionally different.