Princeton University
COS 217: Introduction to Programming Systems
Introductory Questionnaire

Name (optional): _____

Please indicate your level of expertise on these topics. Use a 5-point scale, where 5 means "I know this topic very well" and 0 means "I know nothing about this topic."

Level of Expertise	Topic
	* UNIX fundamental commands (cd, ls, cat, etc.)
	* UNIX redirection (< and >) and pipes (|)
	UNIX process control commands (fg, bg, kill, etc.)
	The UNIX Emacs editor
	The UNIX gcc compiler
	The UNIX gdb debugger
	The UNIX make tool
	The UNIX gprof execution profiler
	UNIX process control system calls (execvp, fork, kill)
	UNIX low level I/O system calls (open, close, creat, read, write)
	UNIX inter-process communication system calls (pipe)
	UNIX signal handling functions and system calls (signal, alarm)
	* C control structures (if, switch, for, while, do...while, break)
	* C function calls
	* C arrays
	* C pointer variables and operators (* and &)
	C function pointers
	* C structures
	* C dynamic memory management facilities (malloc, calloc, realloc, free)
	* C preprocessor directives (#include, #define, etc.)
	* C header (.h) files
	C void pointers
	C "opaque" pointers
	Abstract Data Types (ADTs) in C
	* The binary, octal, and hexadecimal number systems
	SPARC architecture
	SPARC assembly language
	Combinational digital circuits via NOT, AND, and OR gates
	Sequential digital circuits via D flip flops