Sam Kessler	
CISC 3320	
Homework 2	
	Background
Author: SK	

Restatement of the problem statement:

Implement semaphores that can be used to regulate access to three resources {"Printer,"

"Plotter," "Scanner"}. Fork 100 process to poll the semaphores requesting access to the available resources.

Assumptions:

Roles: all

- 1. Having each of these processes busy wait for the resources is relatively slow.
- 2. It would be more efficient to use an event-based system where the semaphores are in charge of informing the processes when it's their turn to go.
- 3. Mutex locks are necessary to protect the value of used resources.