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CISC 3320
Lab 2

Background

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Roles: All

Restatement of the problem statement:

Use semaphores to access simulated computer resources allowing for multitasking computer function.

Create a loop that loops 4 times and forks a child process, in which determines a resource to request. Requests that corresponding resource:

1 → printer

2 → plotter

3 → scanner

Print the PID of the child, the resource name, and whether it was successful. Sleep and terminate.

Assumption about the problem statement:

1. Global variables must be used for all functions to access those resources