Operating Systems

Homework 4 (due date: 12.04.2019)

1- Assume that we have 3 running processes P1, P2, and P3 that share 2 strong semaphore with initial

values s1=1 and s2=0 and call the wait and signal functions as the following order.

1. P1 wait(s1)
2. P1 wait(s2)
3. P2 wait(s2)
4. P3 signal(s1)
5. P3 signal(s2)
6. P3 wait(s1)

What are the states (running or blocked) of processes and values of semaphores after each operation.