

# Homework1 for CS450 (Spring 2022)

Due day: Feb 18 2022

1. OS is a sleeping beauty. It can be woken up by four kinds of events. What are these events? Give an example for each kind of events.

2. What is a process? More specifically, what does a process contain?

3. What is a thread? What does a thread contain?

4. In 02/03 lecture slide 29, in `release()`, why not set *lock = false* when *unpark()*?

5. In 02/03 lecture slide 31, why does the code fix the race condition described in the previous slide?