HW8: Use a sem_t semaphore to fix your HW5 code (10 points)

Due Apr 19 by 9:30am   **Points** 10   **Submitting** a file upload

Revise your HW5 code (or use the solution I provided) to use a POSIX semaphore to enforce mutual exclusion as different threads increment the global int. After this revision, your program must always have 100 as the final value of the global int (with initial value 0).