

Hello,

I first implemented `initHeap`, `myMalloc`, `myFree` & `print` functions for use without threads. Then I declared a semaphore in global scope and initialized it with `initHeap` function. Then the `myMalloc` and `myFree` functions were wrapped with the same semaphore named "sema". Because `print` function is called inside the `myMalloc` and `myFree` function I didn't need to wrap it with a semaphore because it was already protected with "sema". Thanks.