



Name: Hemal Paneliya, Anil Pavuluru

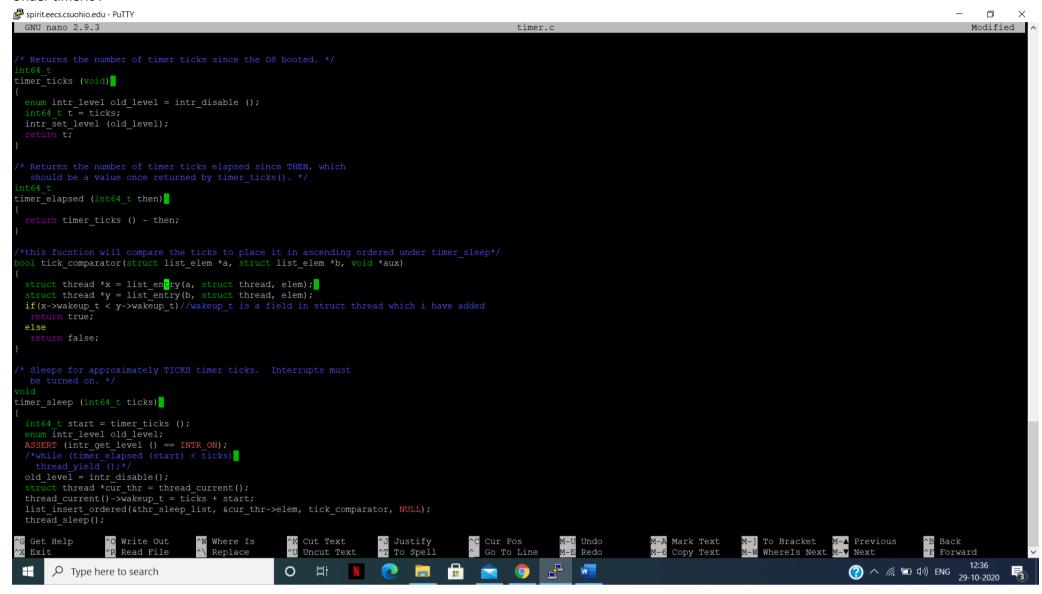
Login id: anpavulu

Project Status: Not Working

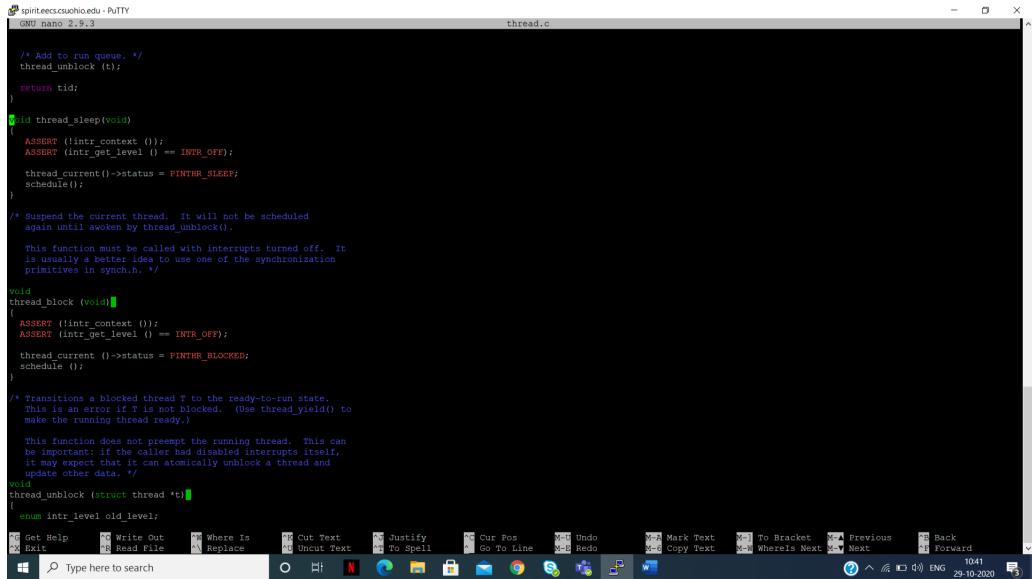
Task #1:

In this task we have modify timer.c to overcome busy yielding. For this we have created an ordered thr_sleep_list and change its state to PINTHR_SLEEP to overcome busy yielding. Instead of calling thread_yield() I cam calling thread_sleep() under thread.c, to make the status of my threads to PINTHR_SLEEP.

Under timer.c:

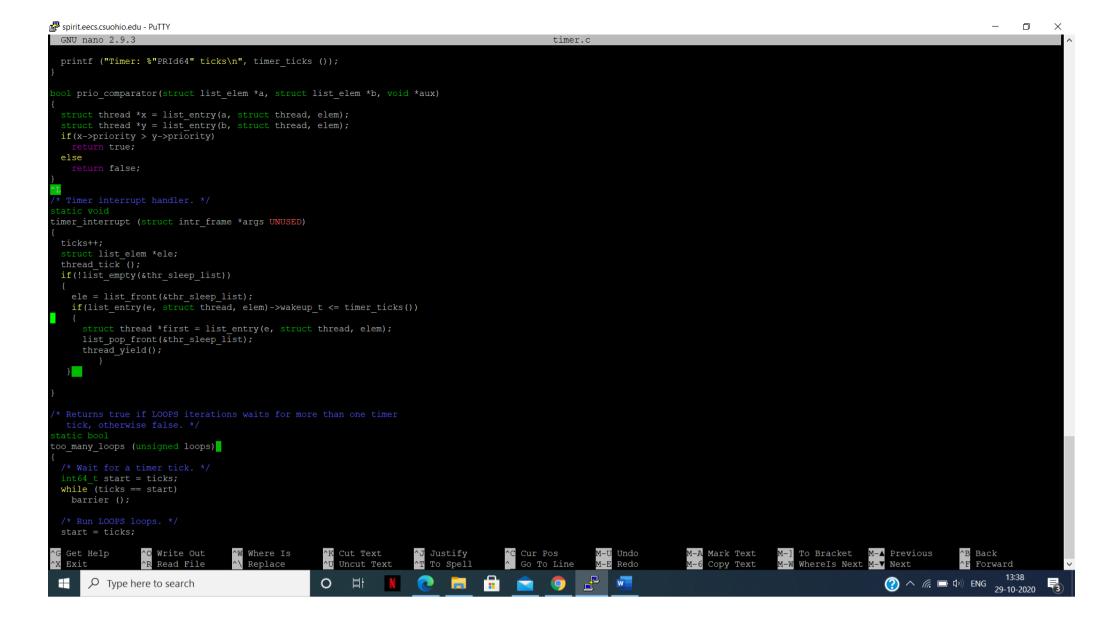


Under thread.c:



Task #2:

Then to bring these threads to ready_list we have modified timer_interrupt(). In this task we are using thr_priority_list to put the threads in descending order(i.e. higher priority threads first), where we are facing problem and our things are not working. Here my approach is to check whether the thr_sleep_list is empty or not. If it is not empty then we are popping out the first element from the list and trying to placing it to the ready_list.



Output:

We are getting this error while building the kernel

