Ldd assignment - 1

1. complete the system call assignment as discussed in lecture. Use the sample sys.c to write your system call service routine. Follow the steps given in the class and complete the compilation, reboot and testing.

2. Now, write a more useful system call that will do the following :
   a) it must return the kernel stack size of the current process
   b) it must return the no. of threads associated with the process
   c) it must return the kernel stack's base(lower) address
   d) it must return the uid of the process
   e) it must return the scheduling policy currently used by the process
   f) it must return the program associated with the process
   You must use a single structure to get the above information – meaning, you must not use 5 different parameters
   you must refer to <KSRC>/include/linux/sched.h for the layout and fields of process descriptor (PCB) – also known as struct task_struct{ } in Linux.