1. When a task is executed in user mode, try to access some of the system registers. Make sure that a synchronous exception is generated in this case. Handle this exception, use esr\_el1 register to distinguish it from a system call.

What system register do you access? (5%)

How do you handle this exception? (10%)

Code (35%)

[upload a standalone tarball named as p1-5-1.tar.gz]

[upload a standalone patch file named as p1-5-1.diff]

1. Implement a sleep() syscall. See its interface [here](https://man7.org/linux/man-pages/man3/sleep.3.html). You do not have to implement the signal part.

Code (40%)

[upload a standalone tarball named as p1-5-2.tar.gz]

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How do you demonstrate that your implementation is correct? (10%)