1. Change the reset value of TVAL so that the timer fires roughly every 1 sec.

[upload a standalone tarball named as p1-3-1.tar.gz]

1. How can you determine such a value and show your solution is correct?
2. Trigger an exception at EL1, handle it at EL2, and return to EL1. Modify the kernel source to implement the behavior.

[upload a standalone tarball named as p1-3-3.tar.gz]

1. In a paragraph, describe the exception you plan to trigger, what EL2 exception handlers you will implement, and how to demonstrate your implementation correctness.