Studio14 writeup

Exercise1: Qitao Xu, Zhe Wang, Jiangnan Liu

Exercise2:

This function executes a matrix multiplication to realize compute bound.

Exercise3:

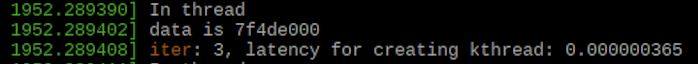
In kernel module, we have to create a new kthread while in user space we do not need to use multithreading.

Exercise4:

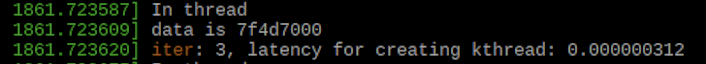
The time increased. Since they have resource contention on the same core.

Exercise5:

(1)



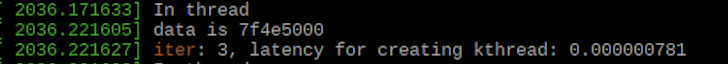
(2)



(3)

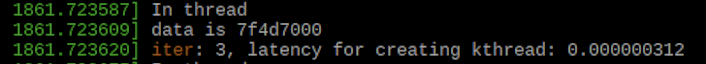


(4)

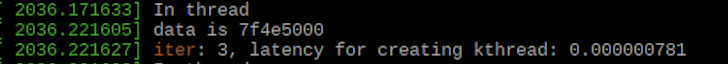


Exercise6:

(1)



(2)



(3)

