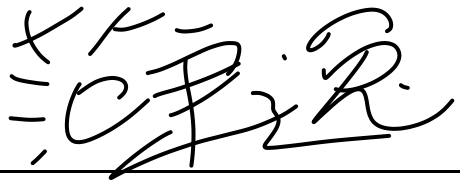
SP_HW4 report



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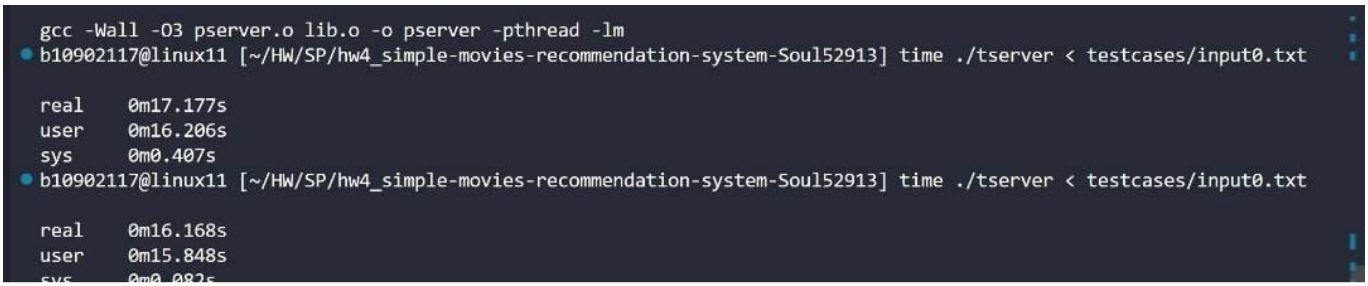
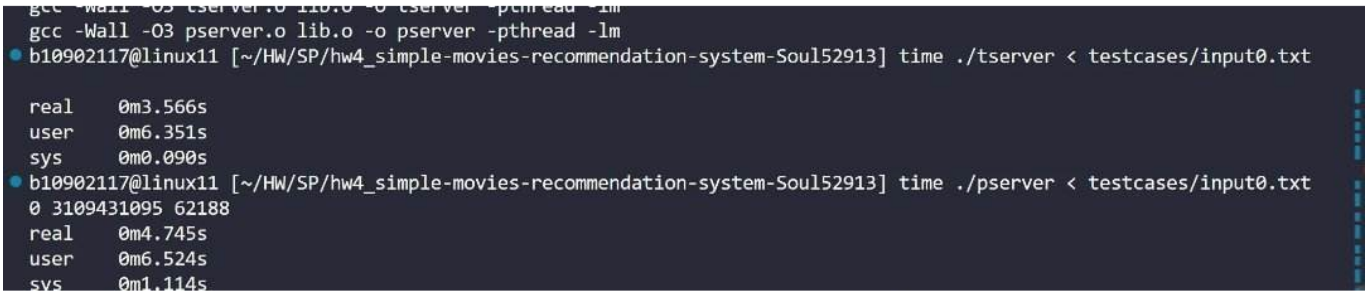
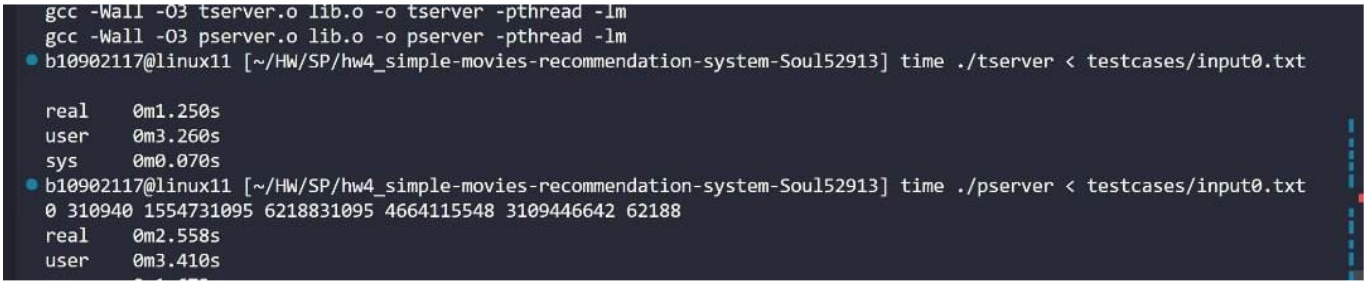


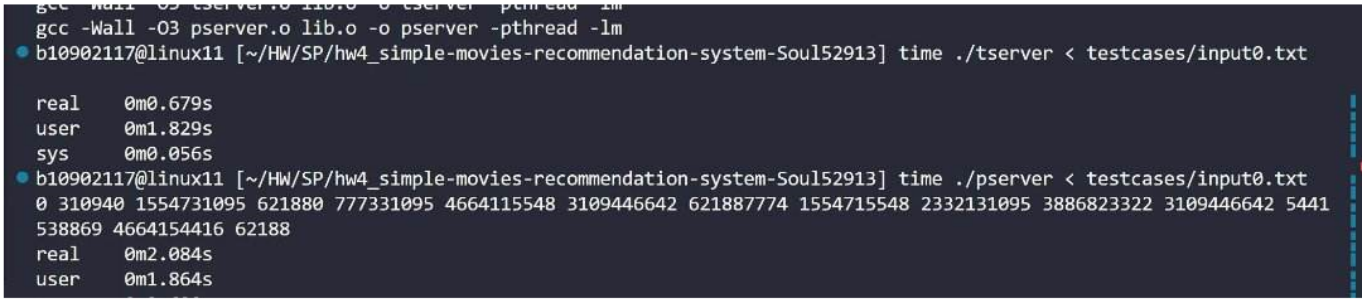
1 layer



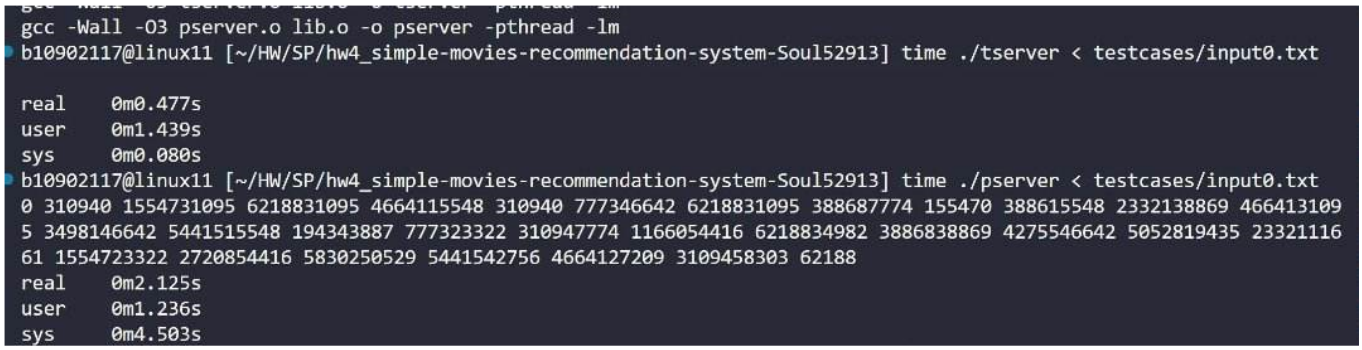
2 layer



3 layer



4 layer



5 layer

I process them on linux11.csie.mtu.edu.tw

By the picture, we find out that with more layer, the time it consumed will take shorter. From layer 1 to layer 2, the time they consumed decline significantly from 17 to 3 (t) and 16 to 4 (p). But it won't decline more

significantly if the layer is bigger. Instead, it will gradually approach to a certain value. For tserver, it will decline to about 0.6 sec, and for pserver, it will decline to about 2 sec. At smaller layer, pserver run almost same as tserver. But when layer is bigger, tserver is faster tha pserver.
The reason for bigger layer take shorter time is multithreads and multiprocesses will run the progress at the same time, which cause the time it takes get shorter.