Log file：

Undo/redo logging

<START T0>

<T0, A, 0, 1>

<START T1>

<T1, B, 3,10>

<START T2>

<T2, C, 3,10>

<START CKPT (T0, T1, T2)>

<T0, D, 5, 11>

<START T3>

<T3, G, 30,56>

<T2, E, 7, 17>

<COMMIT T0>

<COMMIT T1>

<COMMIT T2>

<END CKPT>

<T3, H, 34,78>

With the log file here, I can choose to redo what I did or undo the transaction.

I will write an undo one.

Undo:

Restore H to the value 34

Basically, skip everything in checkpoint but anything T3

Note t3 is aborted.

Since the checkpoint has no unfinished transactions, the undo is done.