Firstly, software assisted LRU is selecting least recently used page with assists of software with techniques of psuedo bits and alarm signals of combination. On the other hand, hardware assisted LRU also tries to find least recently page with combination of muxes and timing mechanism of hardware dedicated components. Software assisted LRU is easy to implement and it makes it without hardware structure so it might be solvable after build. For hardware assisted LRU. It is more complex and for inefficiency or wrong implementation costs whole system.