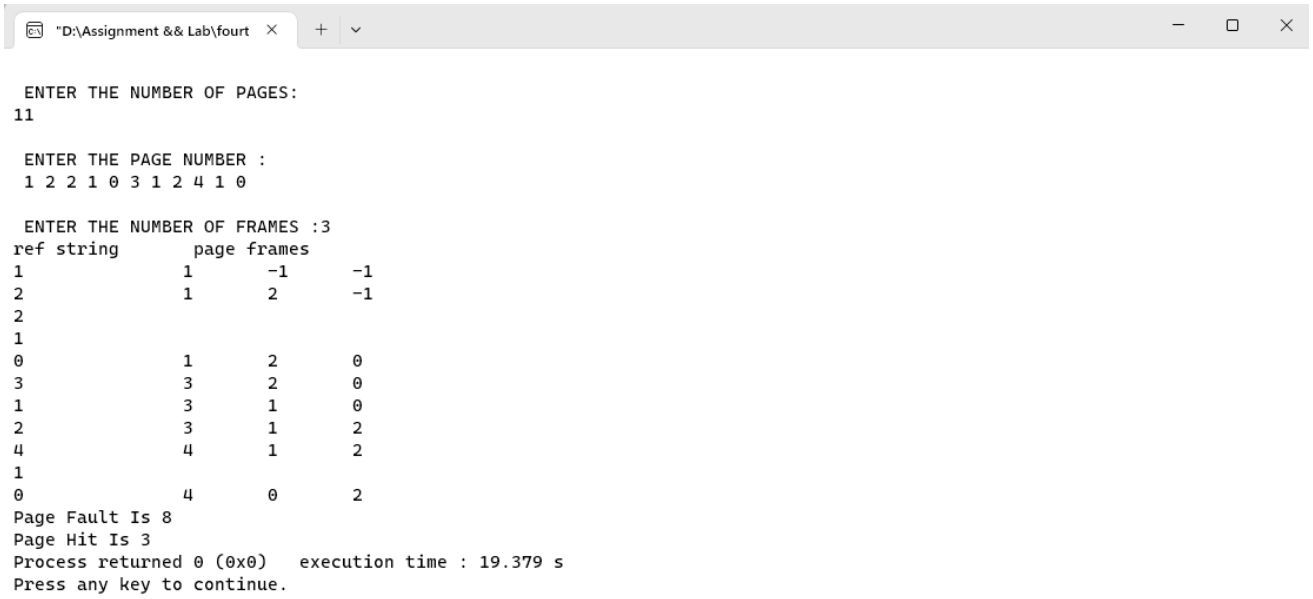
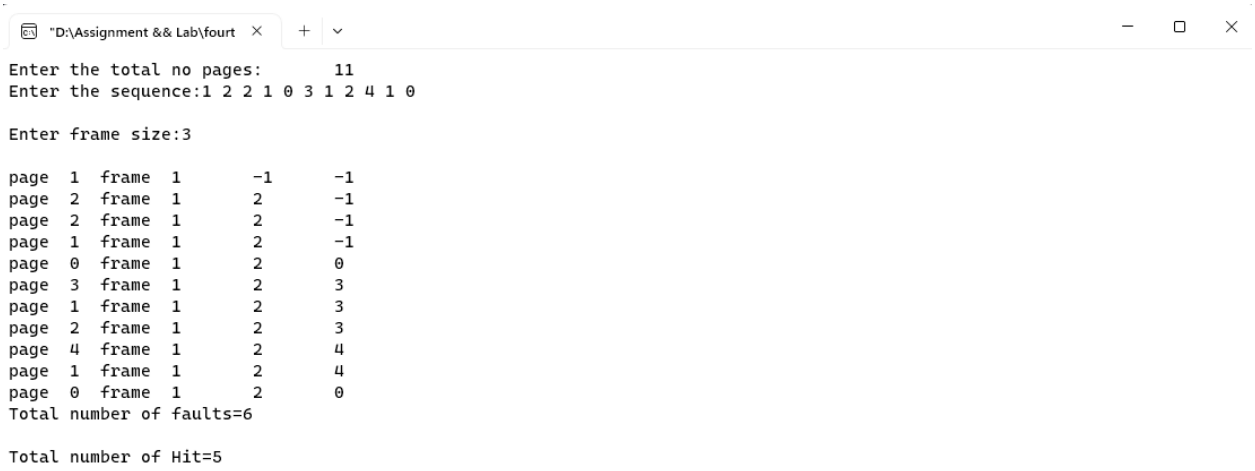
Output:

1. FIFO (First In First out) page replacement algorithm:



2. LRU (Least Recently Used) page replacement algorithm:

3. Optimal page replacement algorithm**:**



Conclusion:

Hence, the objectives of the lab were successfully implemented.