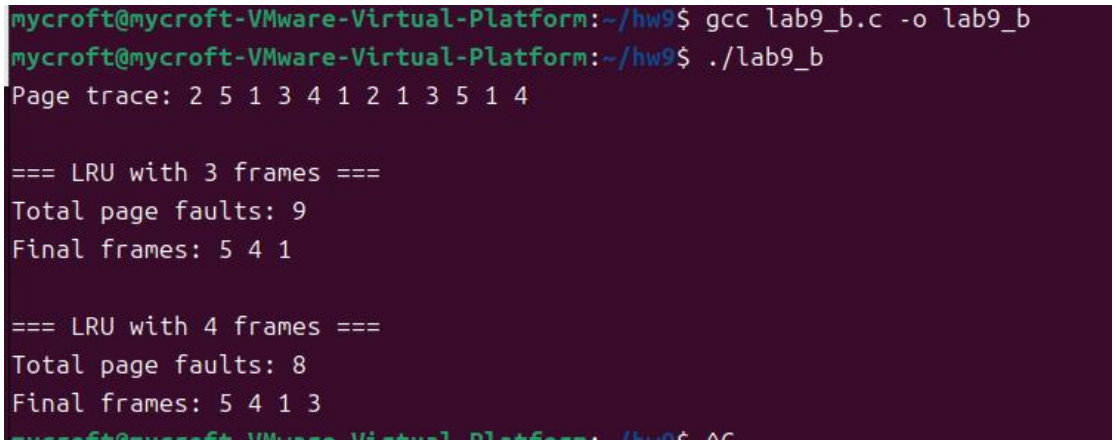
Lab A

Has already listen the video.

Lab B



I.
The number of page faults with 3 frames is **9**.

II.
With 3 frames, the pages that reside in memory at the end of the page trace are: **5, 4, 1**.

III.
The number of page faults with 4 frames is **8**.

IV.
With 4 frames, the pages that reside in memory at the end of the page trace are: **5, 4, 1, 3**.

Lab C

In this page trace, increasing the number of frames from 3 to 4 reduces the number of page faults from 9 to 8. This is consistent with the fact that LRU is a stack algorithm, so adding more frames cannot increase the number of page faults. Therefore, with the LRU page replacement algorithm it is **not** possible to encounter Belady's anomaly.