Q1.md 7/13/2021

Question 1

Part a

- i. The initial value of each counter is 0.
- ii. A counter of a frame increases its value by 1 when one page is associated with that frame.
- iii. A counter of a frame decreases its value by 1 when 1 associated page is not required any more.
- iv. Replace the page in the frame which has the smallest value in its counter. When there is a tie, apply the FIFO rule.

Part b

13 page faults occur for the algorithm above.

Part c

Q1.md 7/13/2021

The minimum number of page faults is 11.

