**Implementation of FIFO Page Replacement**

**1-** Start traversing the pages.

**i)** If the set holds less pages than capacity.

**a)** Insert page into the set one by one until the size of the set reaches capacity or all page requests are processed.

**b)** Simultaneously maintain the pages in the queue to perform FIFO.

**c)** Increment page fault

**ii)** Else If the current page is present in set, do nothing.

Else

**a)** Remove the first page from the queue as it was the first to be entered in the memory.

**b)** Replace the first page in the queue with the current page in the string.

**c)** Store the current page in the queue.

**d)** Increment page faults.

**2-** Return page faults.