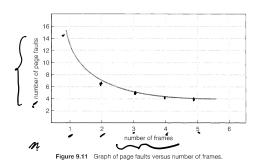
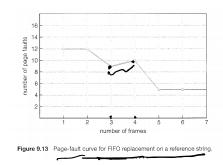
FIFO PAGE REPLACEMENT ALGORITHM

- \ How to find out the victim frame?
- Use page-replacement algorithms
- They are multiple page-replacements algorithms available. Which one to select?
- In general, select the algorithm which causes lowest pagefault rates
- We will evaluate an algorithm by running it on a string of page references and compute the page faults
- To determine the page faults, we also need to know the number of frames available in memory
-) In FIFO, the oldest page is replaced first in, first out
- Use a FIFO queue to maintain list of pages.
 - Neplace the page that is at the head of queue
- Insert the new pages brought into main memory at the tail of the queue
- If number of frames are increased, you would normally expect the number of page fault to decrease.
- Using FIFO algorithm, it's not always true. This anomaly is called Belady's anomaly





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$$\frac{183}{300} \times 100 = (75\%)$$