**Pseudo Code**

Iterate through the referenced pages.

If the current page is already present in pages:

Remove the future page from upcoming pages.

Append the future page to the end of pages.

Increment page hits.

Else:

Increment page faults.

If pages contain less pages than its capacity s:

Append current page into pages.

Else:

Remove the last page from pages.

Append the current page at the end of pages.

Return the number of page hits and page faults.