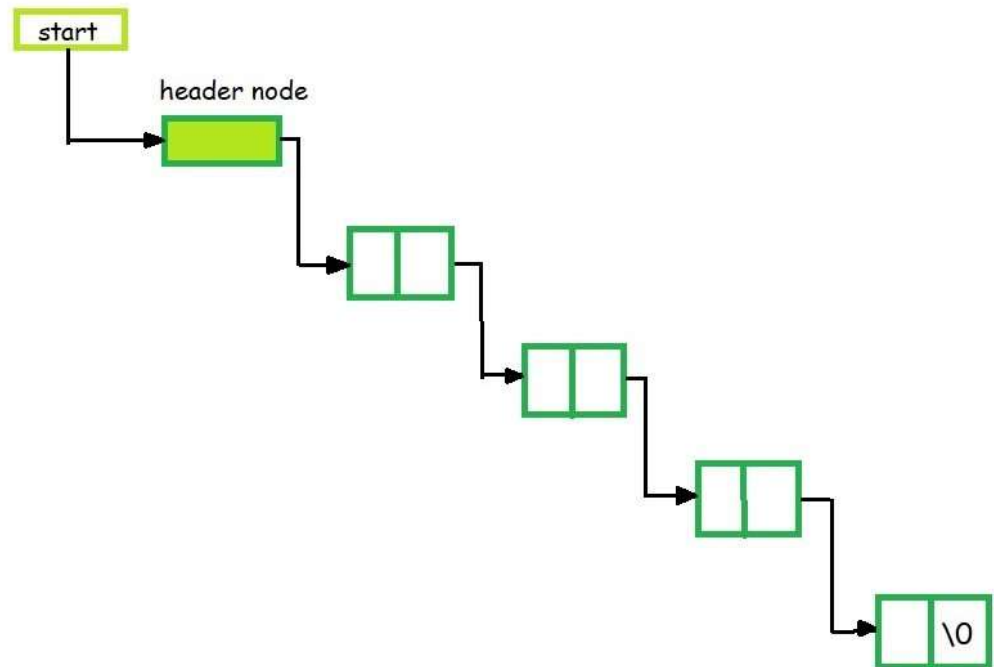


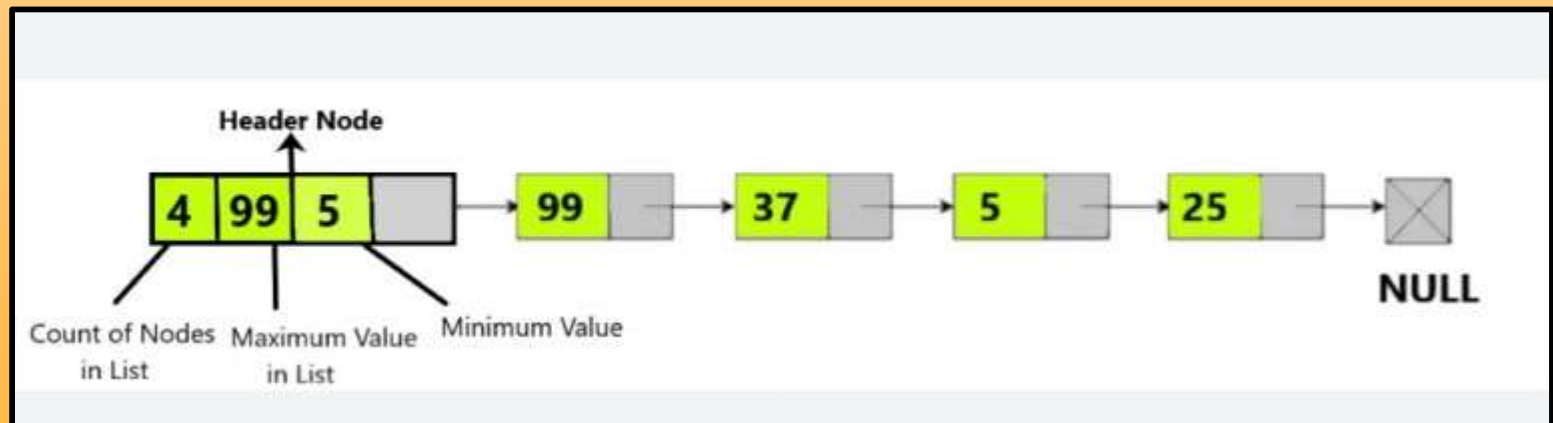
Header Linked list

WHAT IS HEADER IN LINKED LIST?

- ✖ A header node is a **special node that is found at the beginning of the list**. A list that contains this type of node, is called the header-linked list.

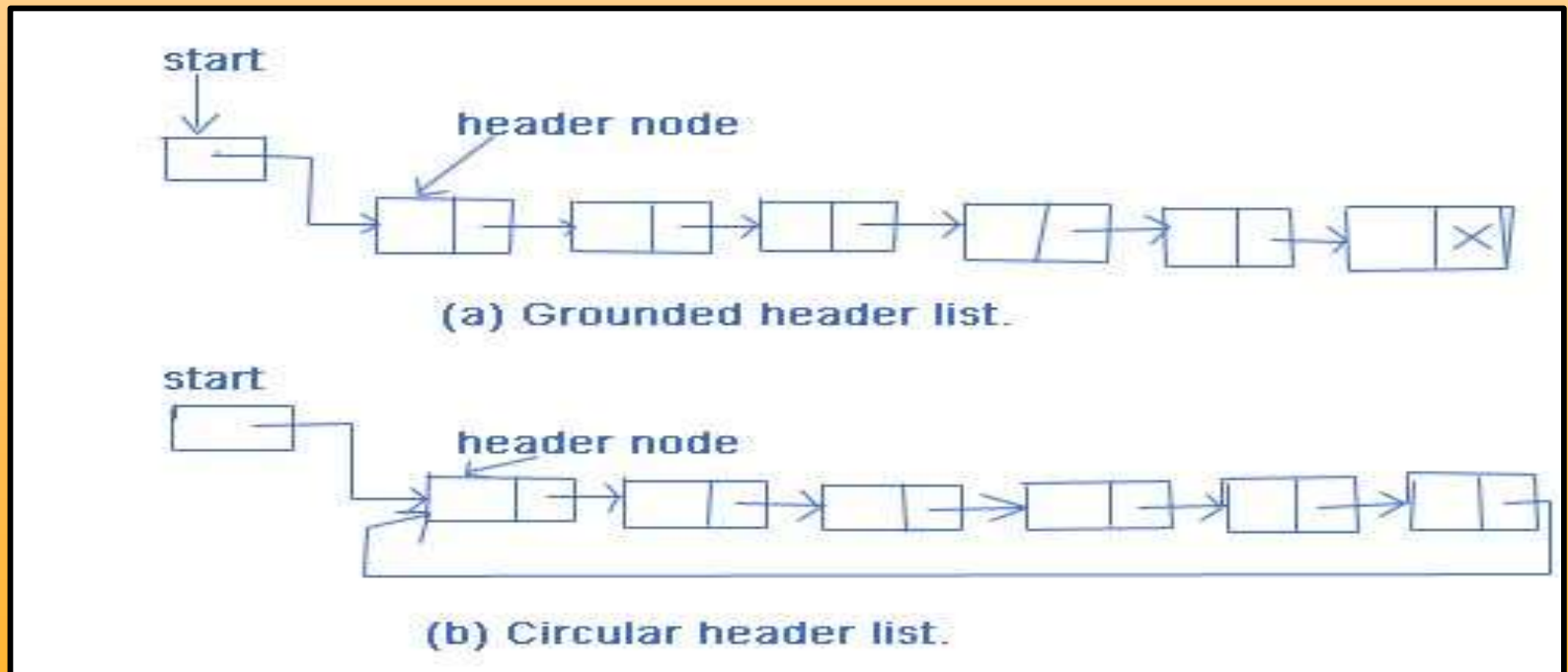


- ✖ A header or heading is **text at the top of a page in an electronic document or hard copy.**
 - + For example, in Microsoft Word, a header could be created in a document to display the page number of each page.



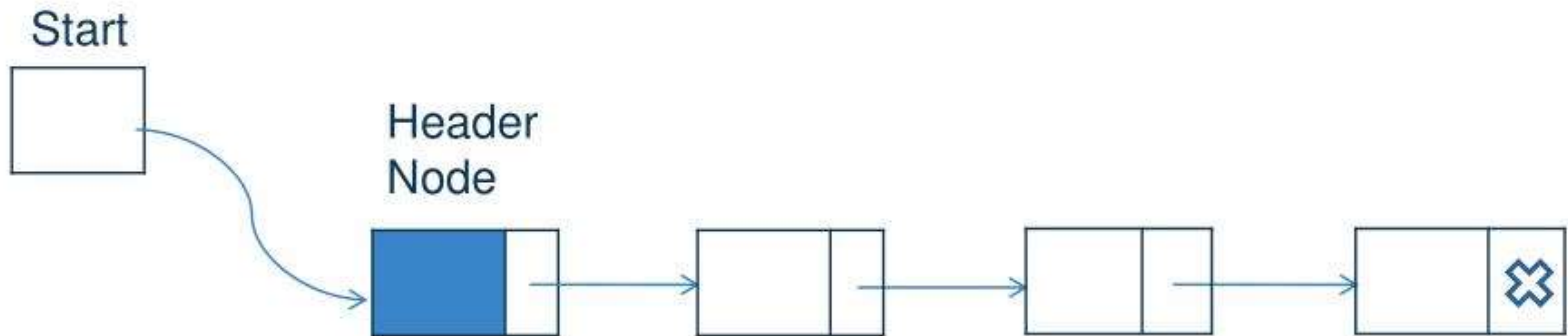
TYPES OF HEADER LINKED LIST

- ✗ **Grounded header list** is a header list where the last node contains the **null** pointer.
- ✗ **Circular header list** is a header list where the last node points **back** to the header node.



Grounded Header Link List

- ❖ A grounded header list is a header list where the last node contains the null pointer. (The term “grounded” comes from the fact that many texts use the electrical ground symbol to indicate the null pointer.)



Circular Header Linked List

- A circular header Link list is a header list where the last node points back to the header node.
- The chains do not indicate the last node and first node of the link list.
- In this case, external pointers provide a frame reference because last node of a circular link list does not contain null pointer.

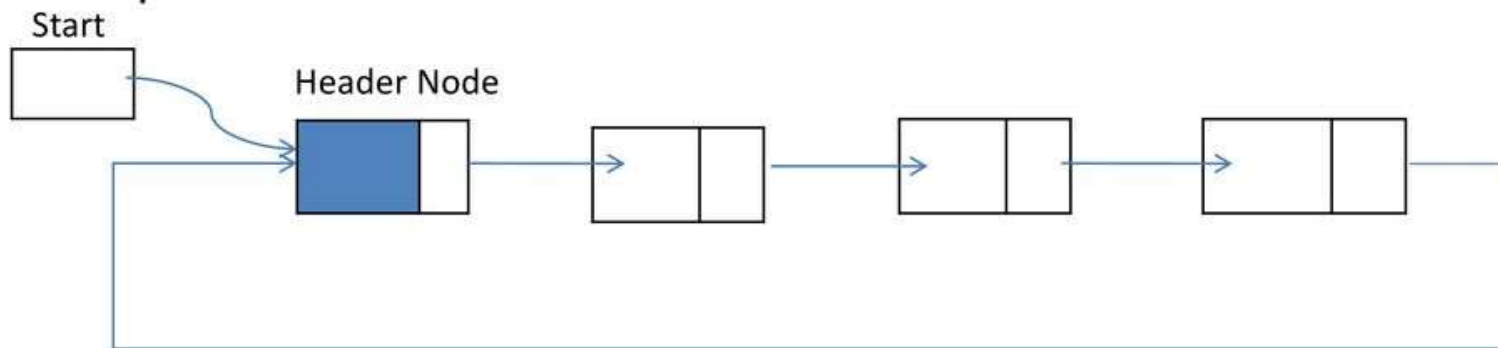


Figure: Circular Linked List with header node