Data Structures and Object Oriented Programming

Lecture 10

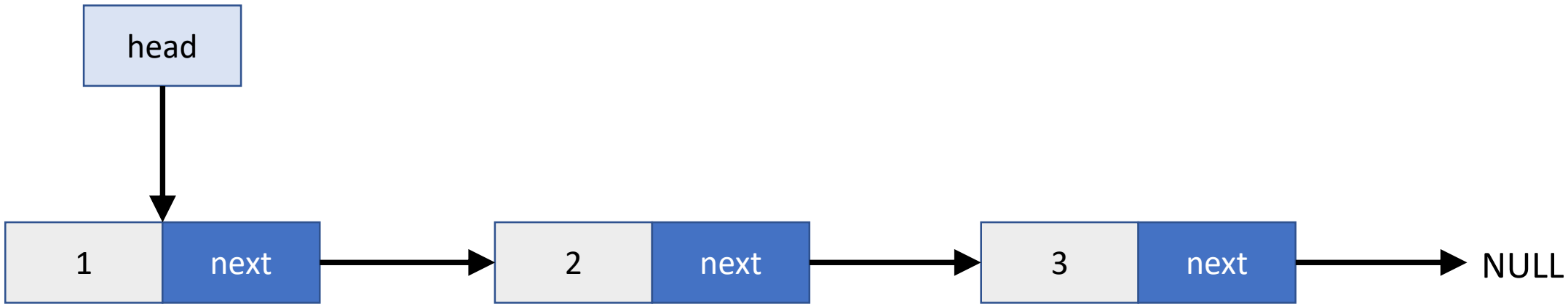
Dr. Naveed Anwar Bhatti

Webpage: naveedanwarbhatti.github.io

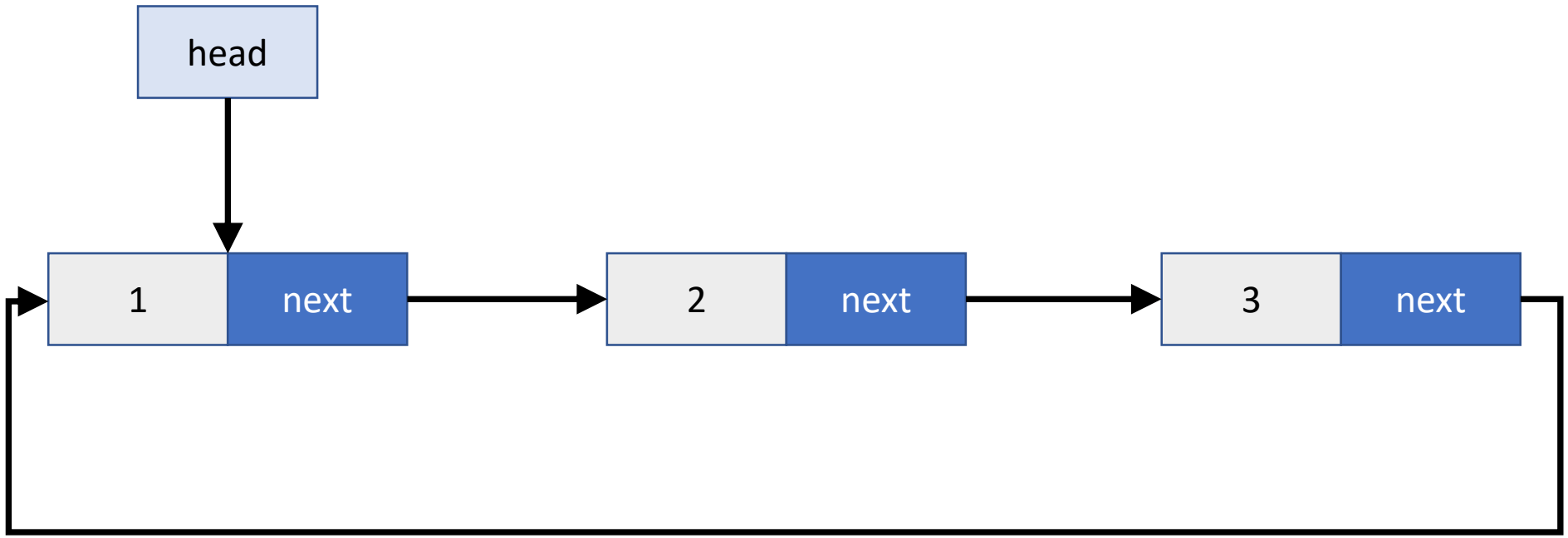
Object-Oriented Programming in C++

Circular Linked List

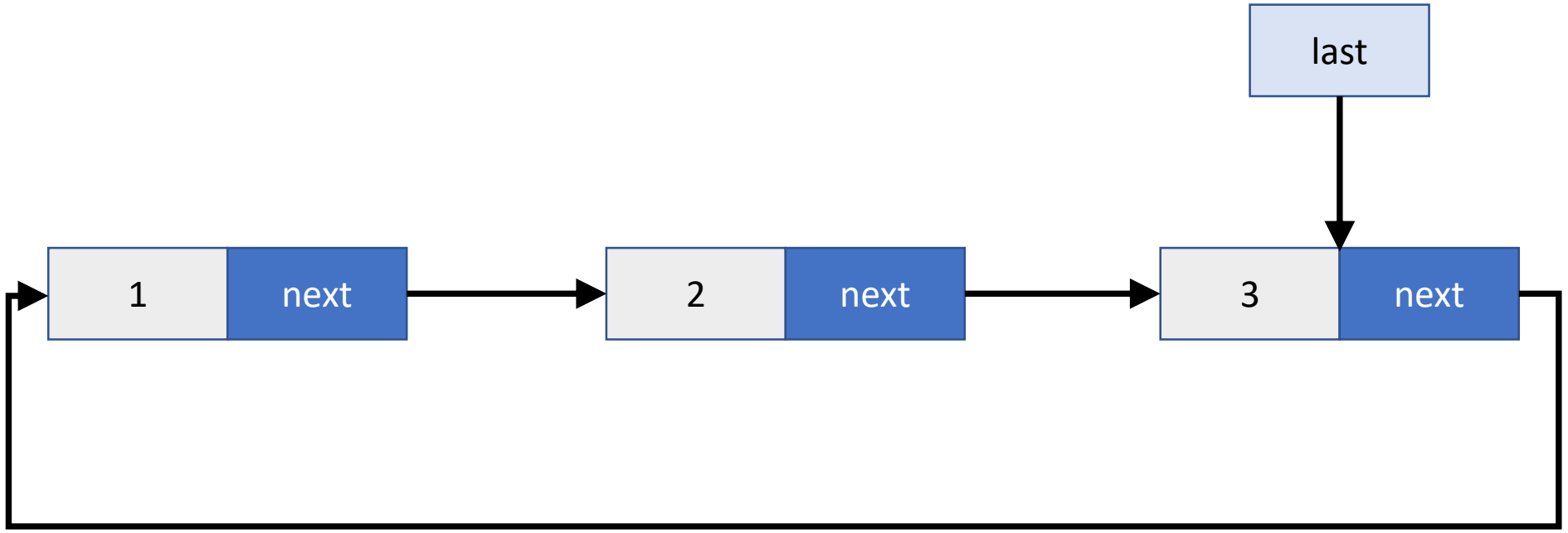
Linked List



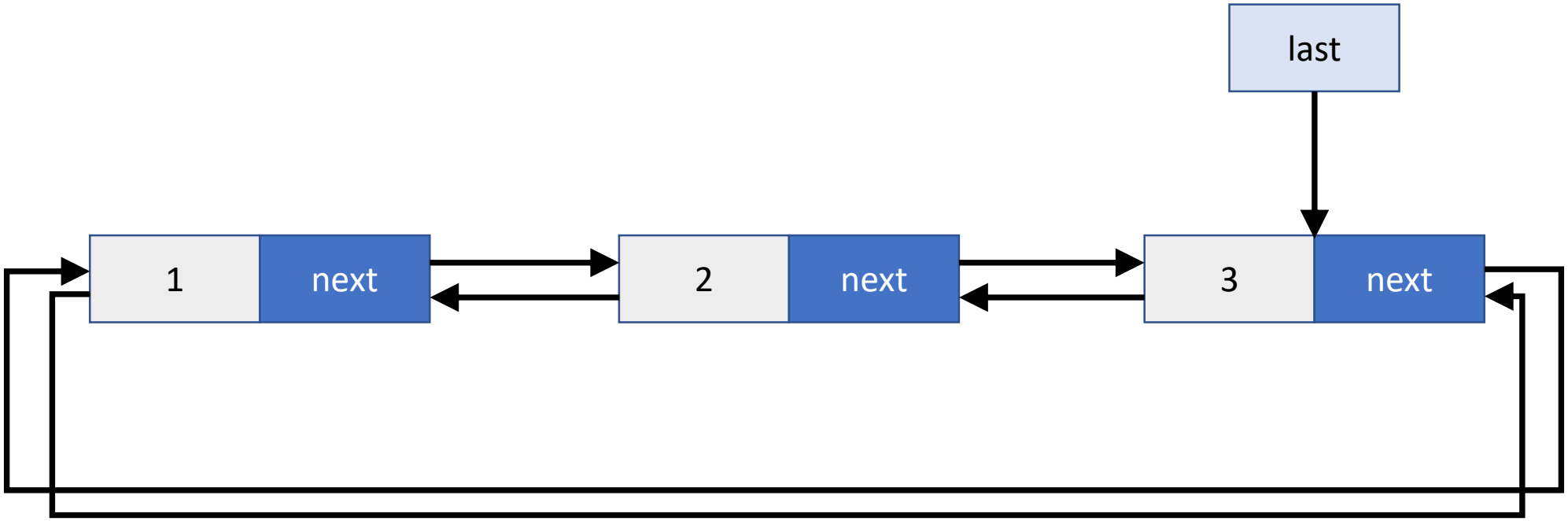
Circular Linked List



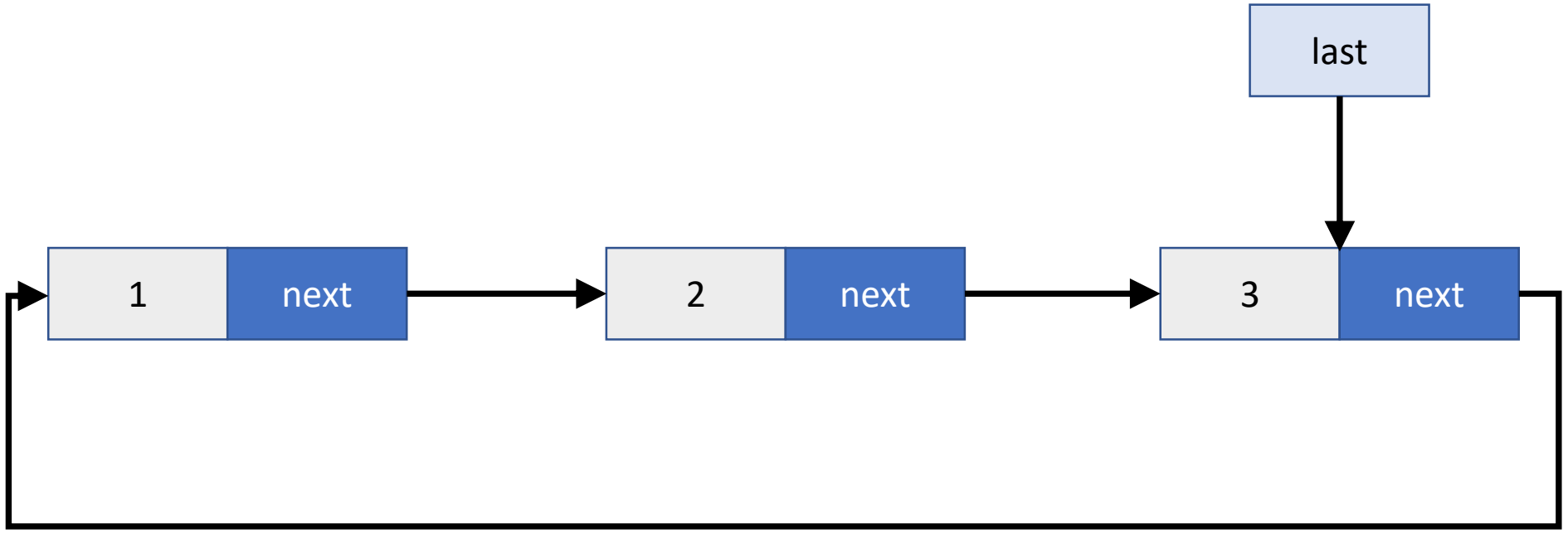
Circular Linked List



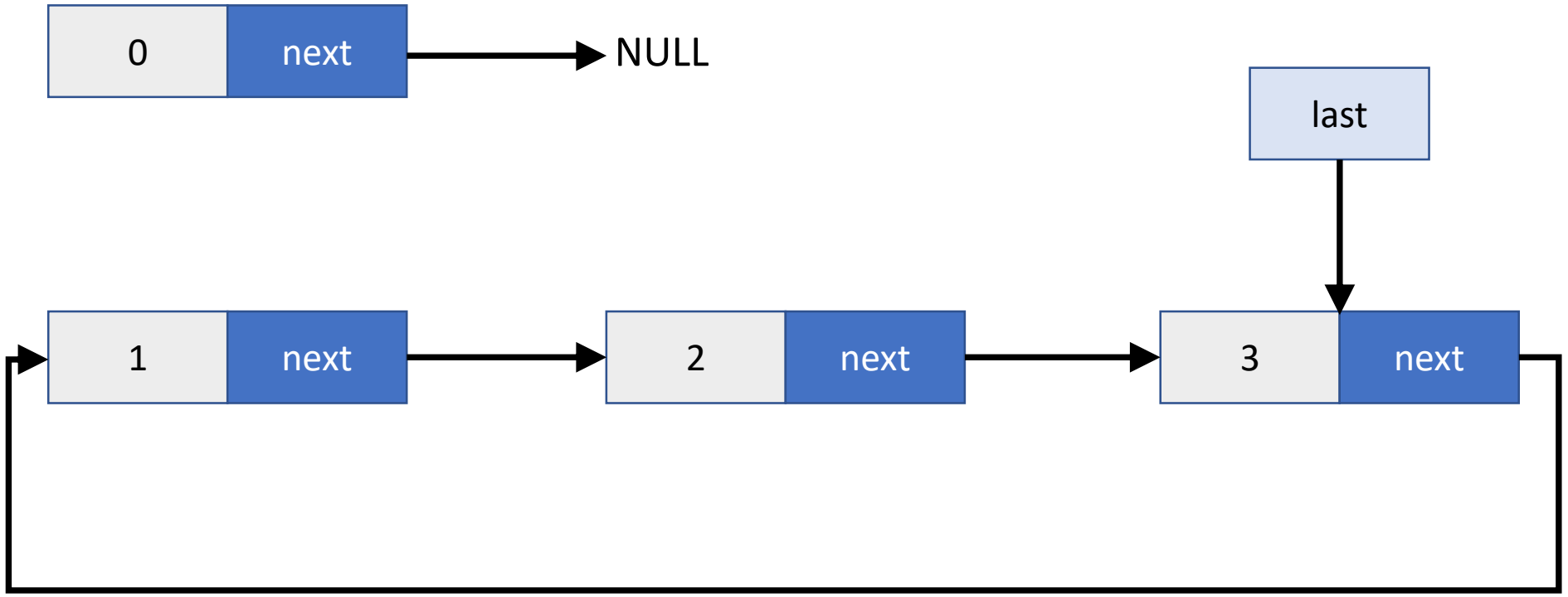
Circular Doubly Linked List



Insert Start

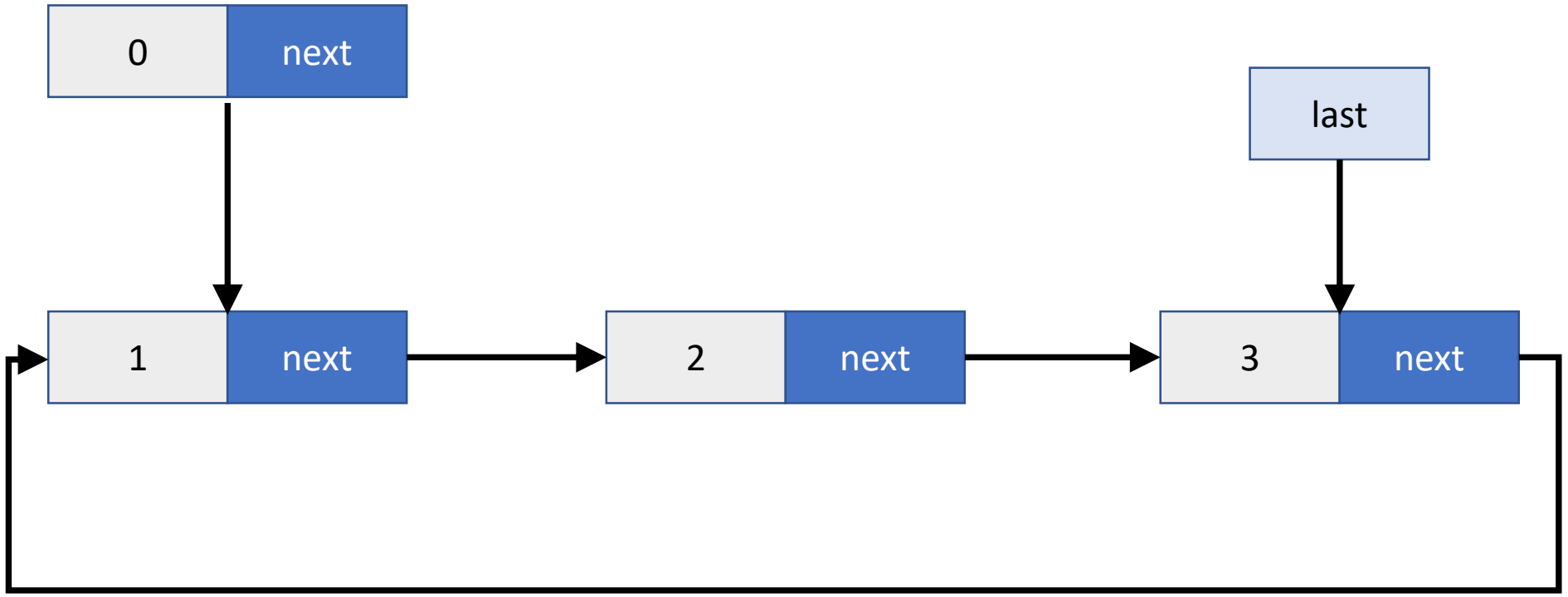


Insert Start



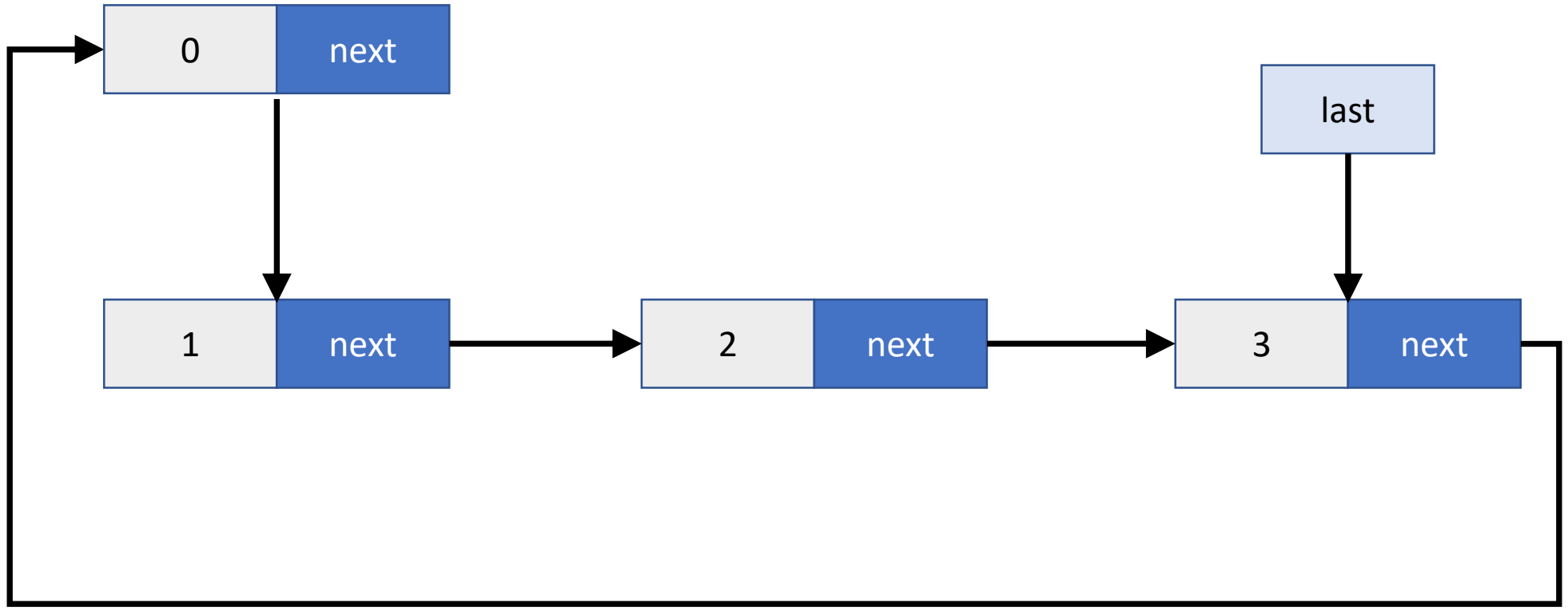
Insert Start

temp->next=last->next;

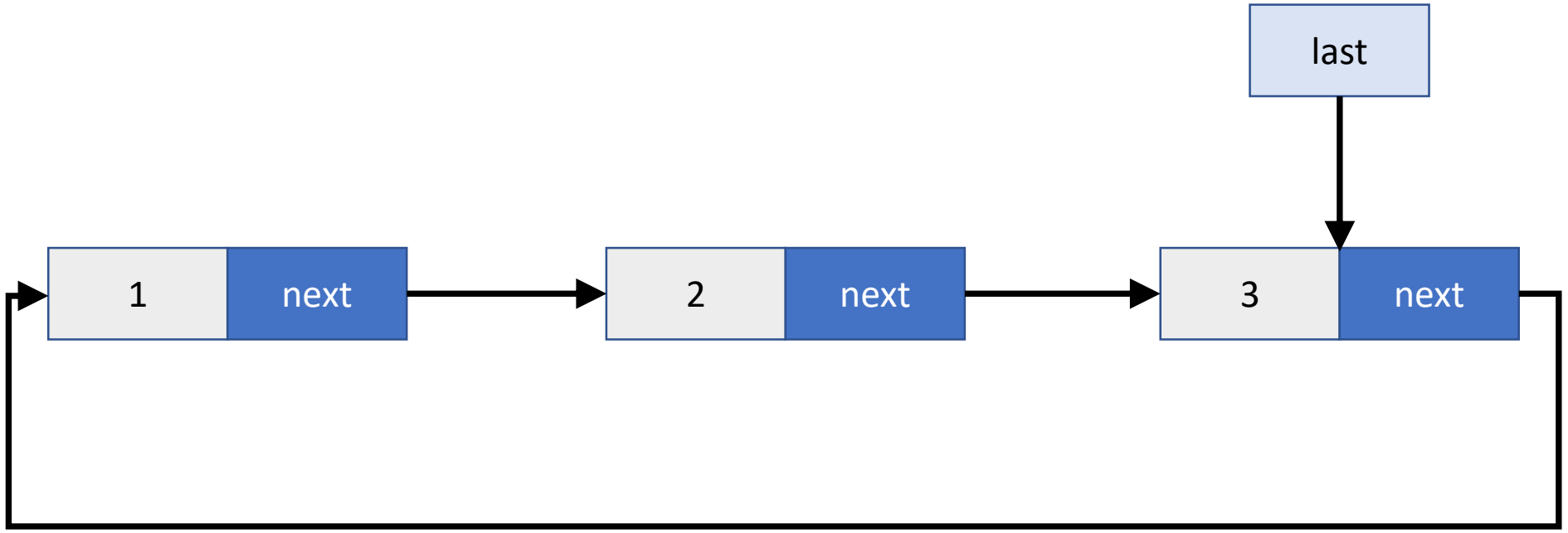


Insert Start

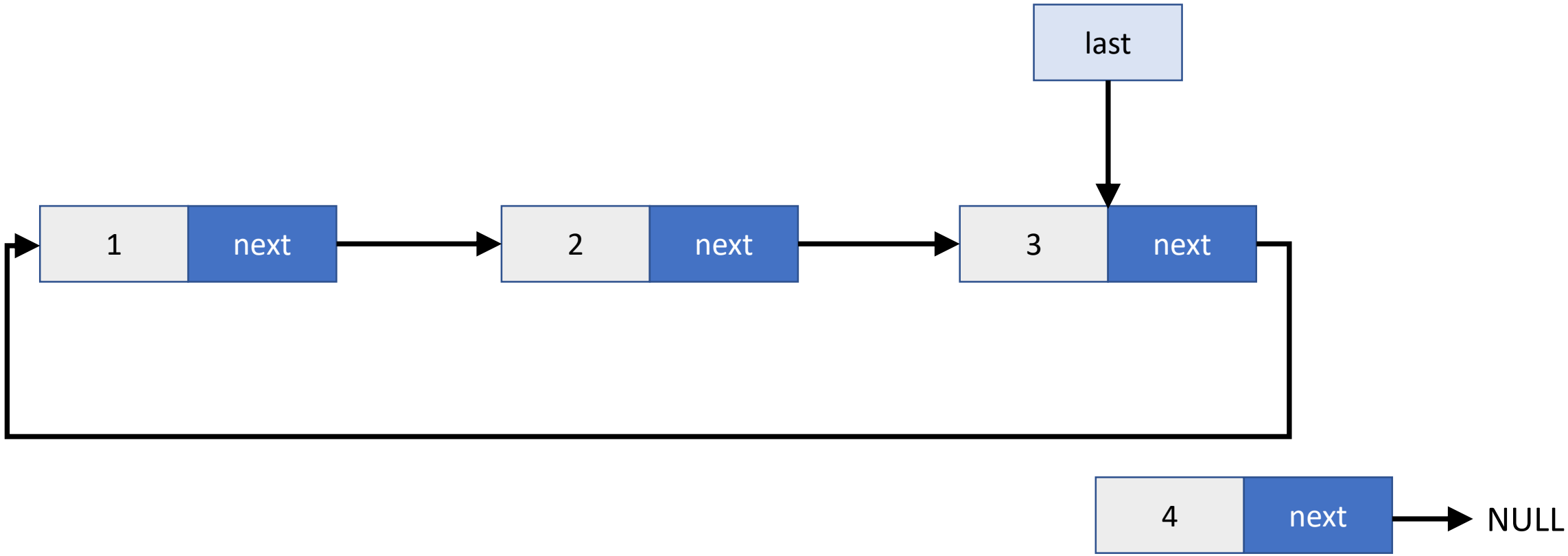
last->next=temp;



Insert End

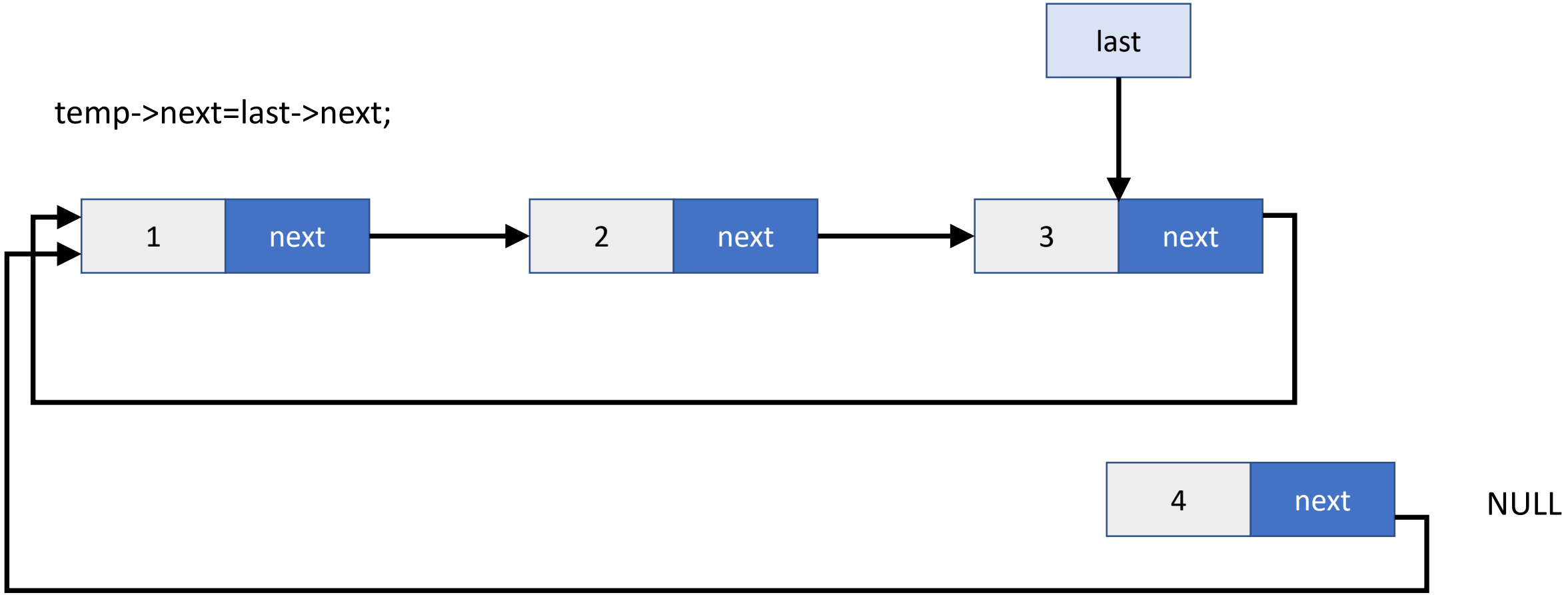


Insert End

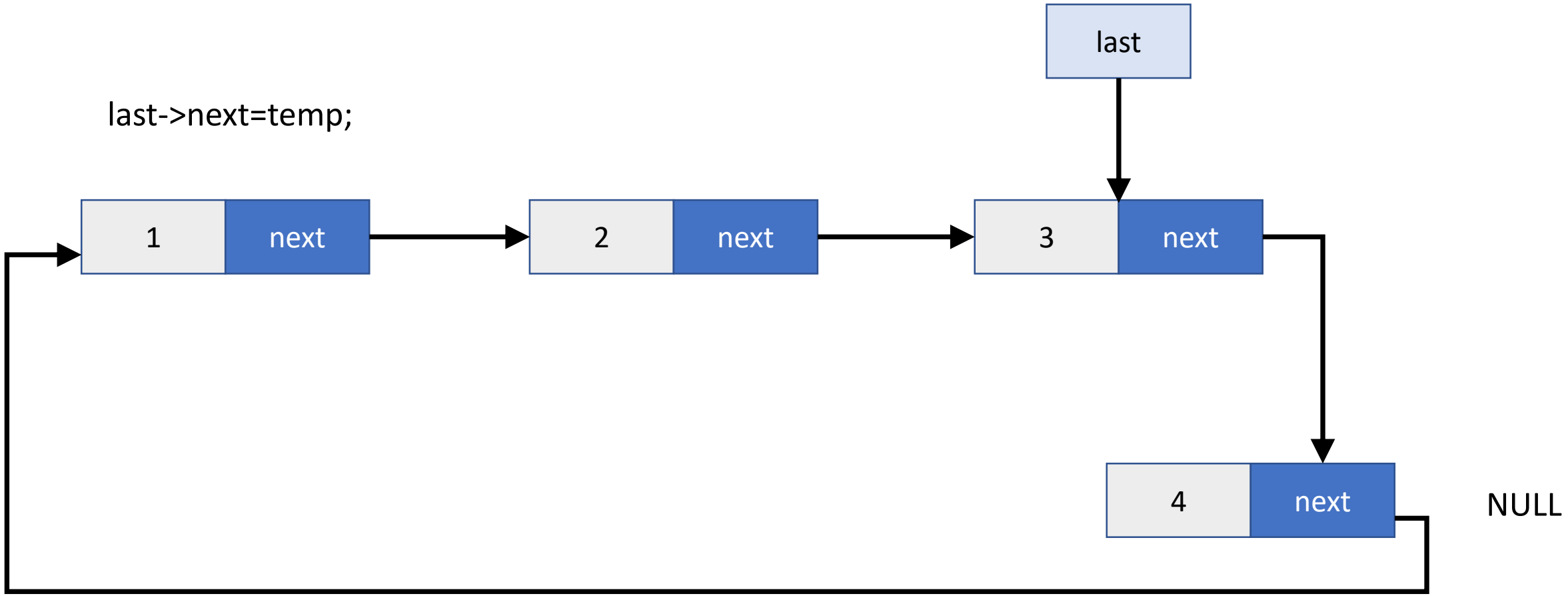


Insert End

temp->next=last->next;

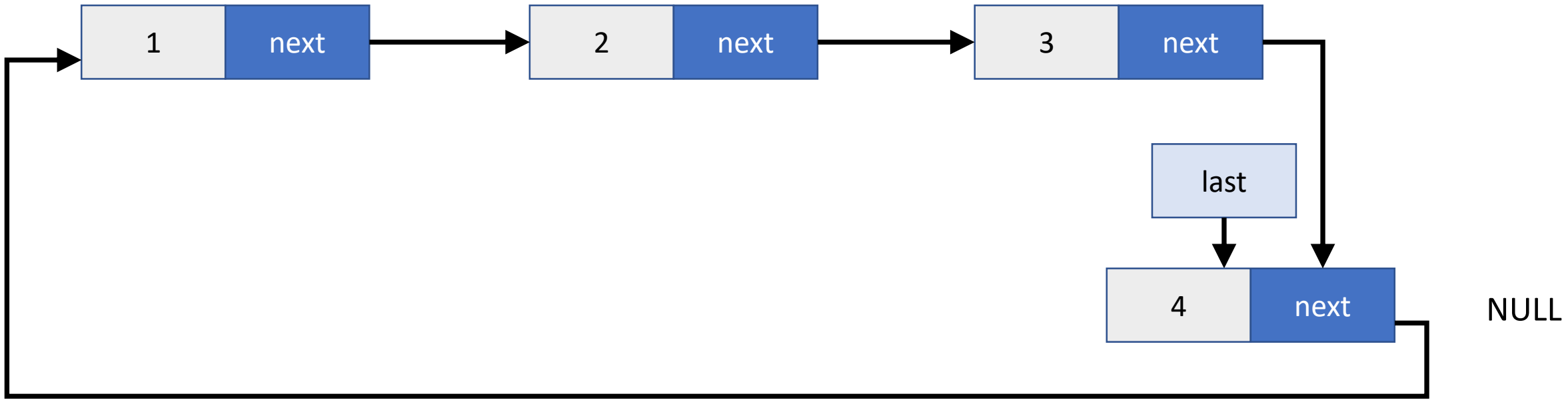


Insert End



Insert End

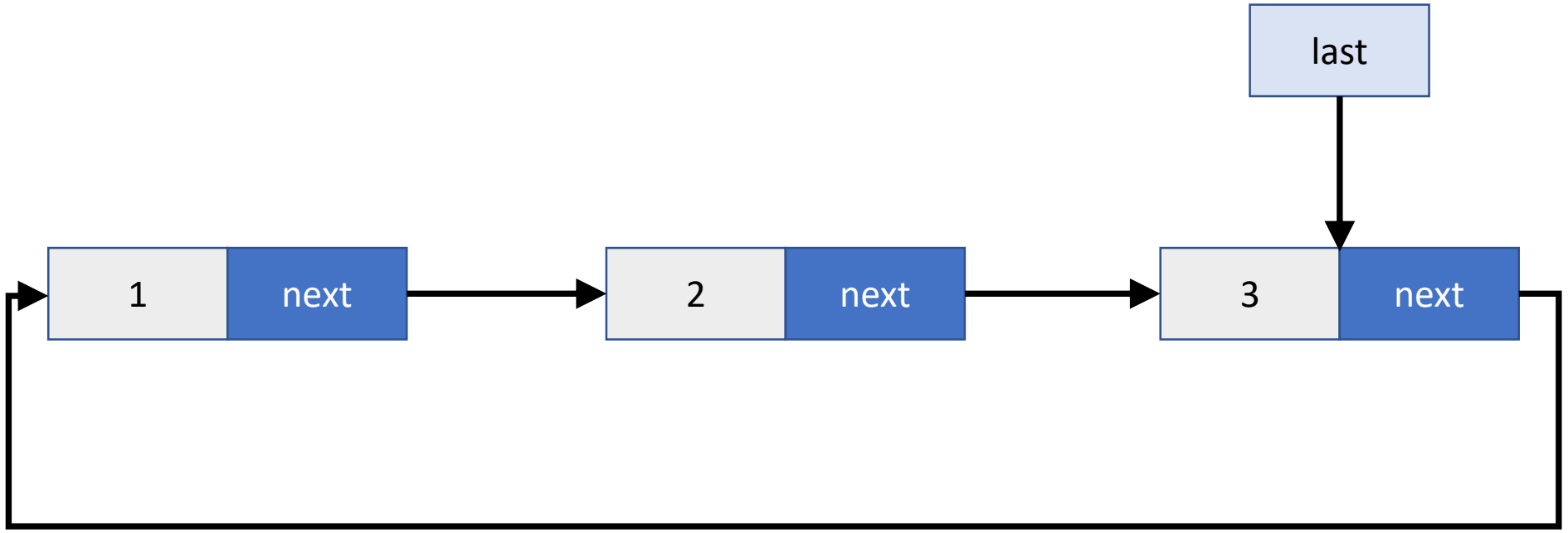
last->next=temp;



Insert after

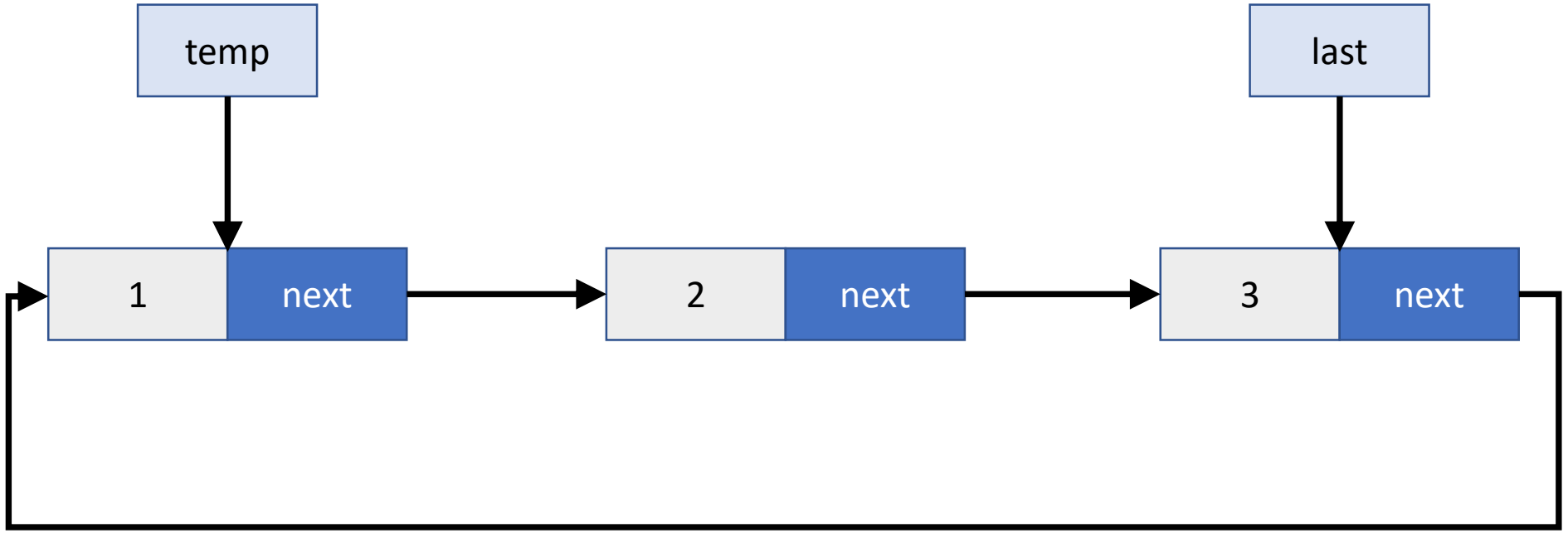
Same as singly linked list

Delete Start



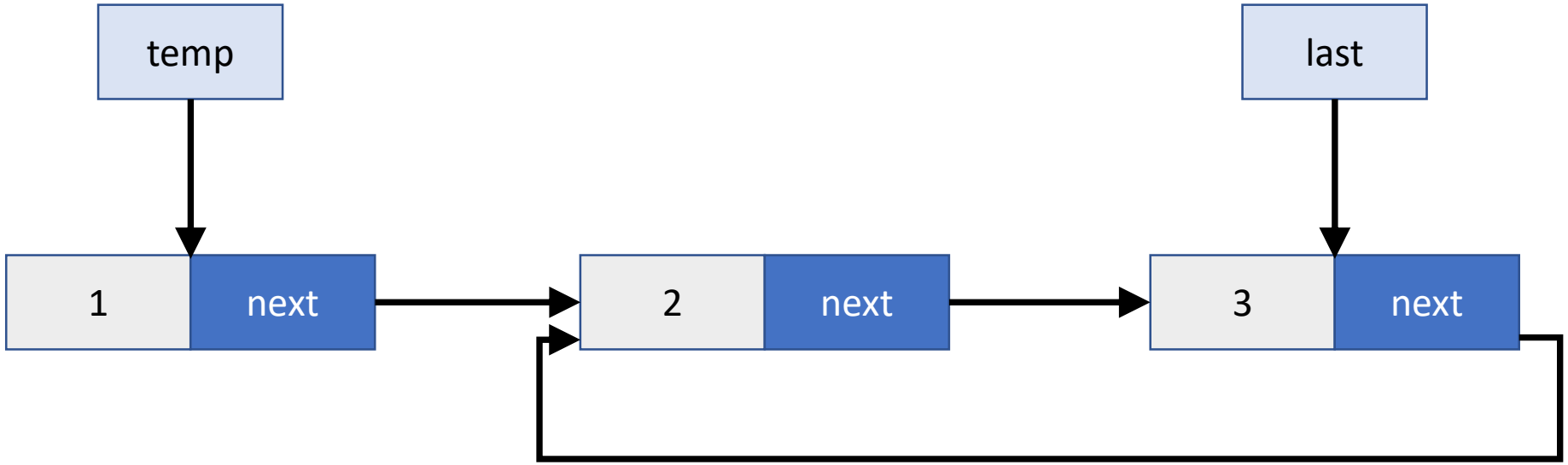
Delete Start

Node* temp=last->next;



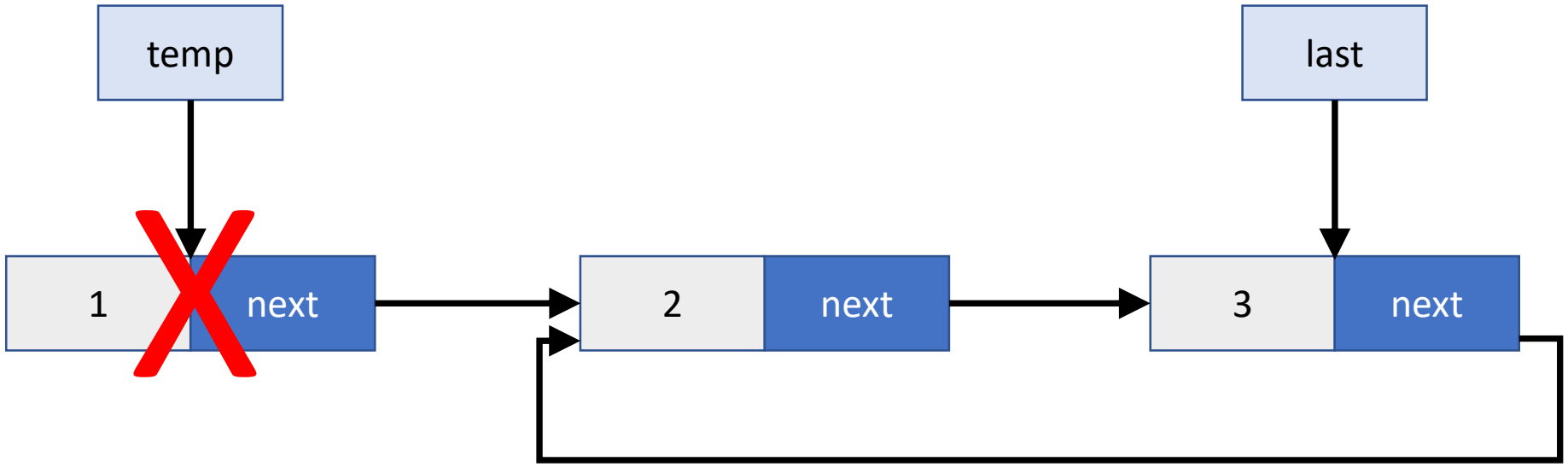
Delete Start

last->next=temp->next;

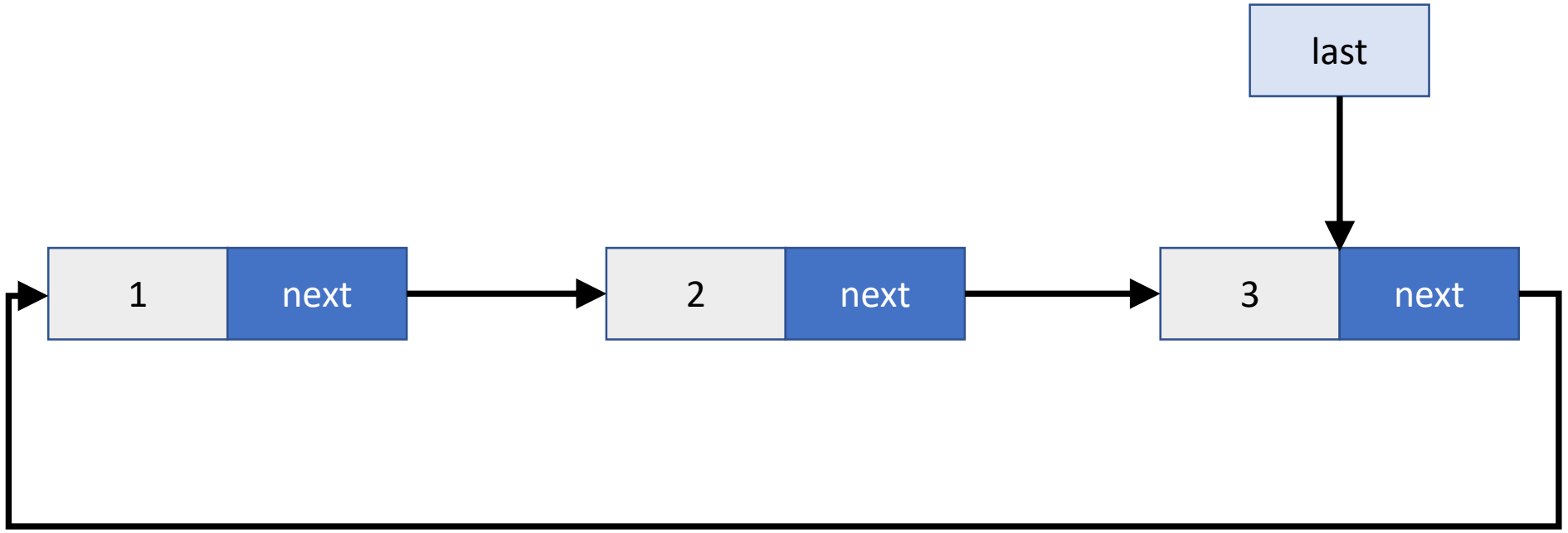


Delete Start

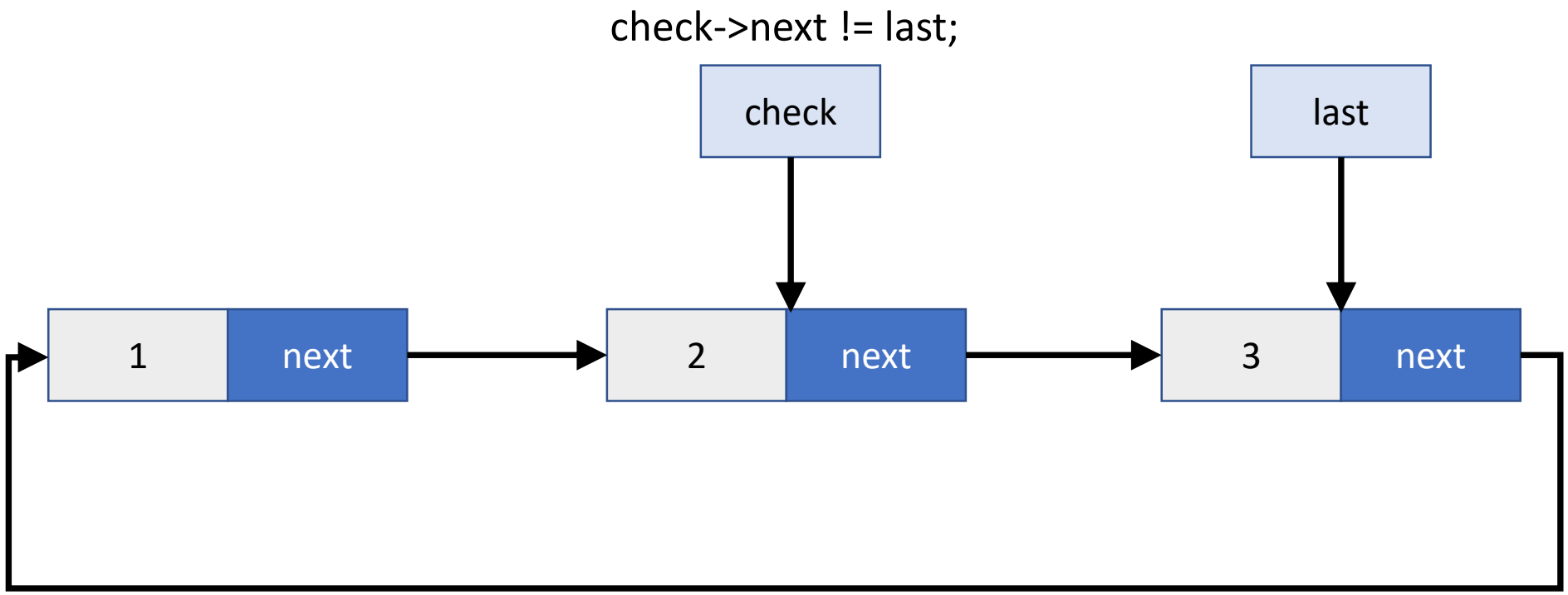
delete temp;



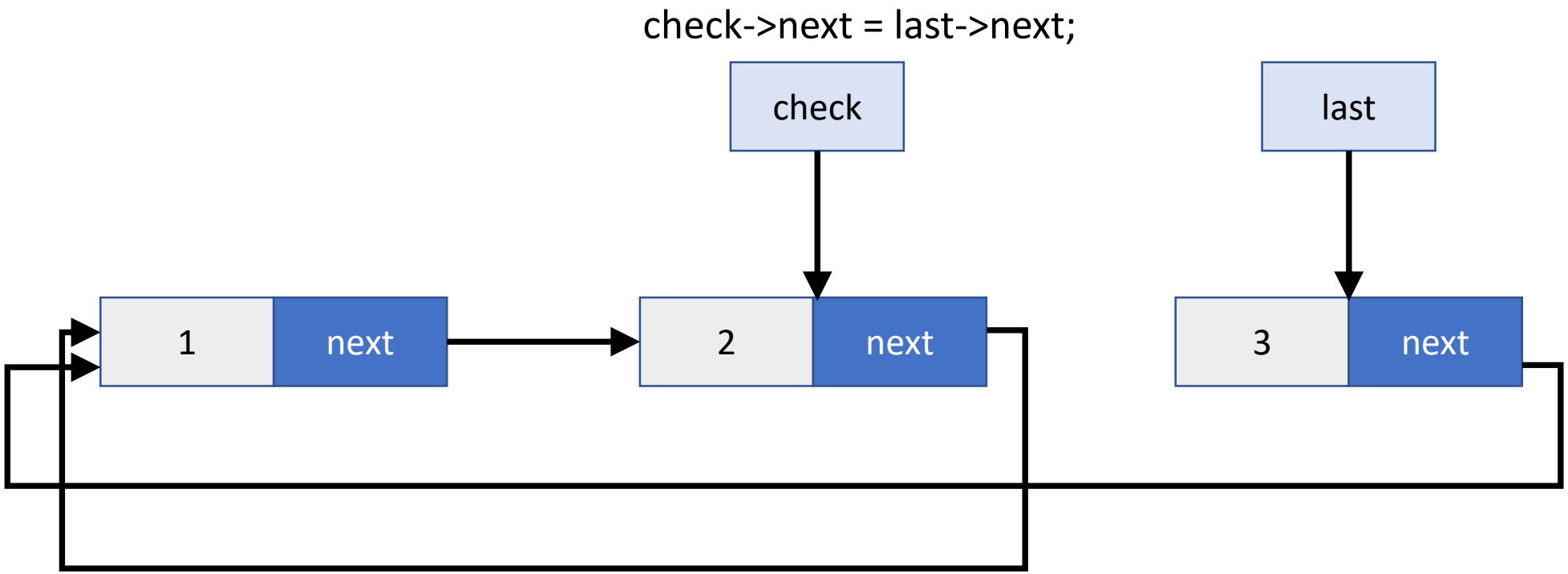
Delete End



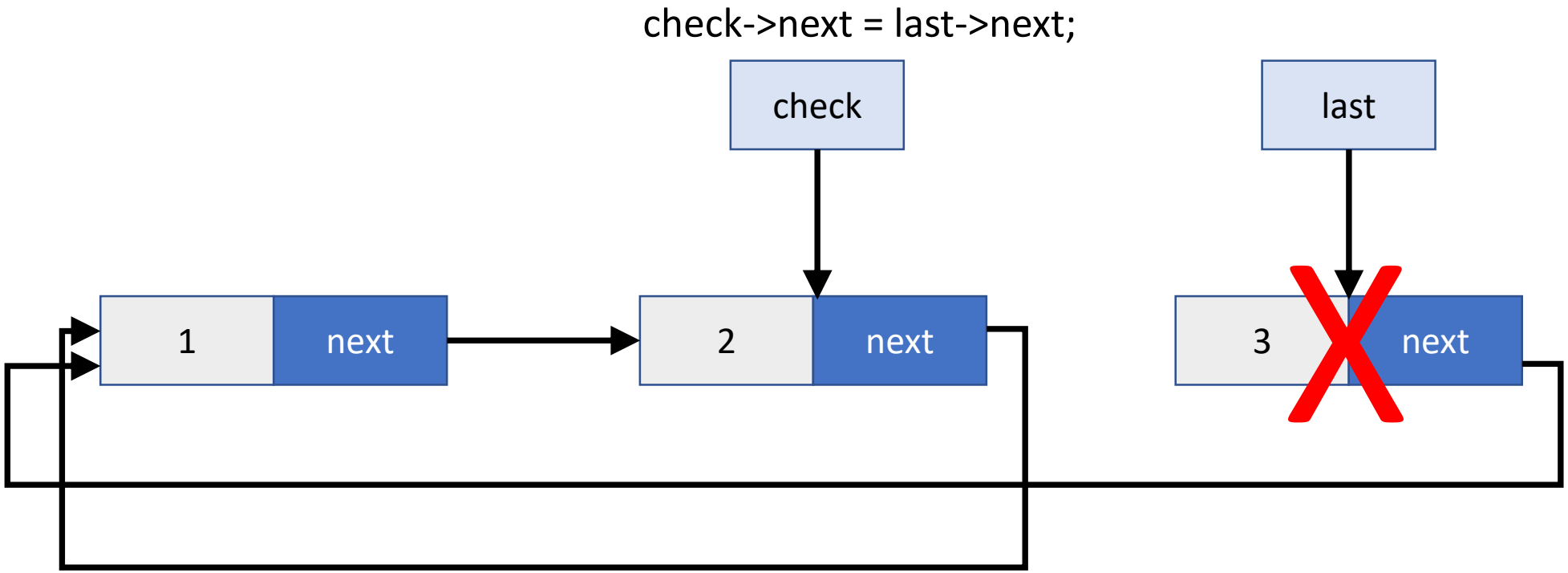
Delete End



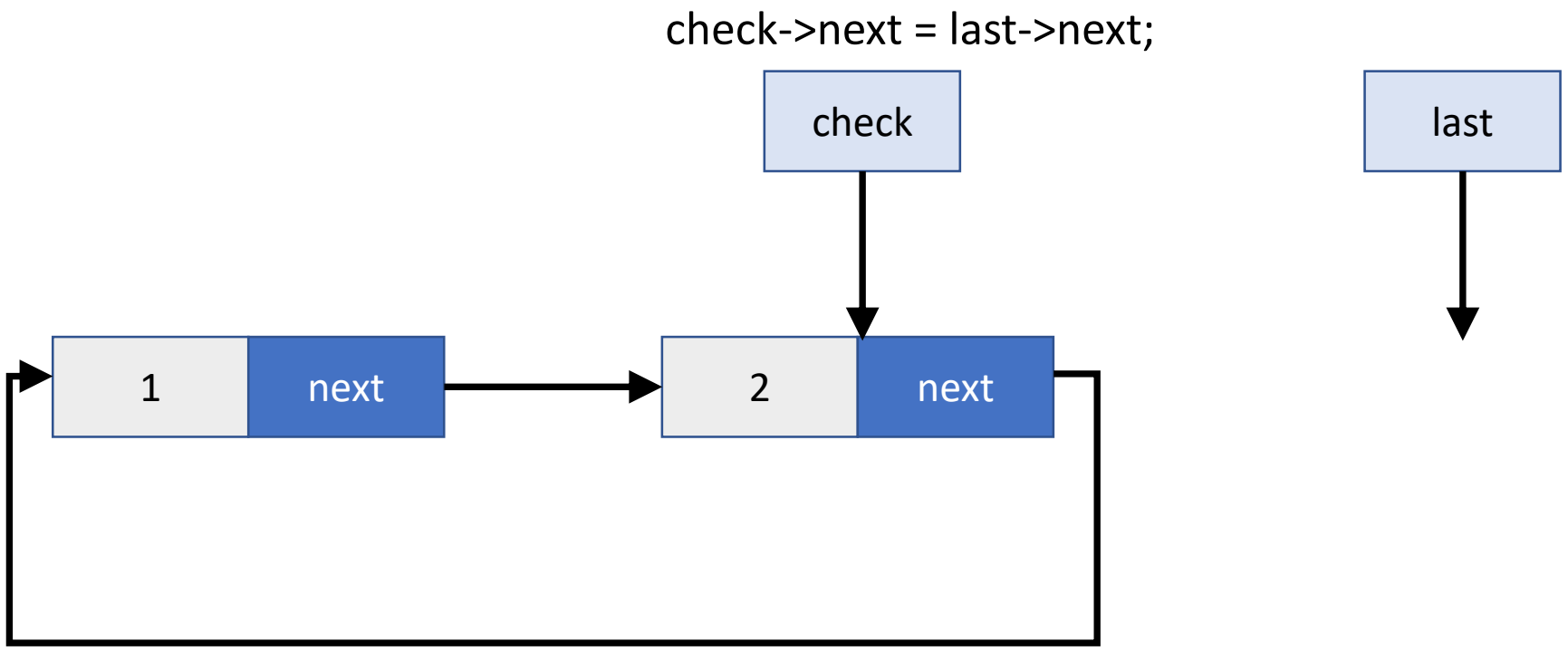
Delete End



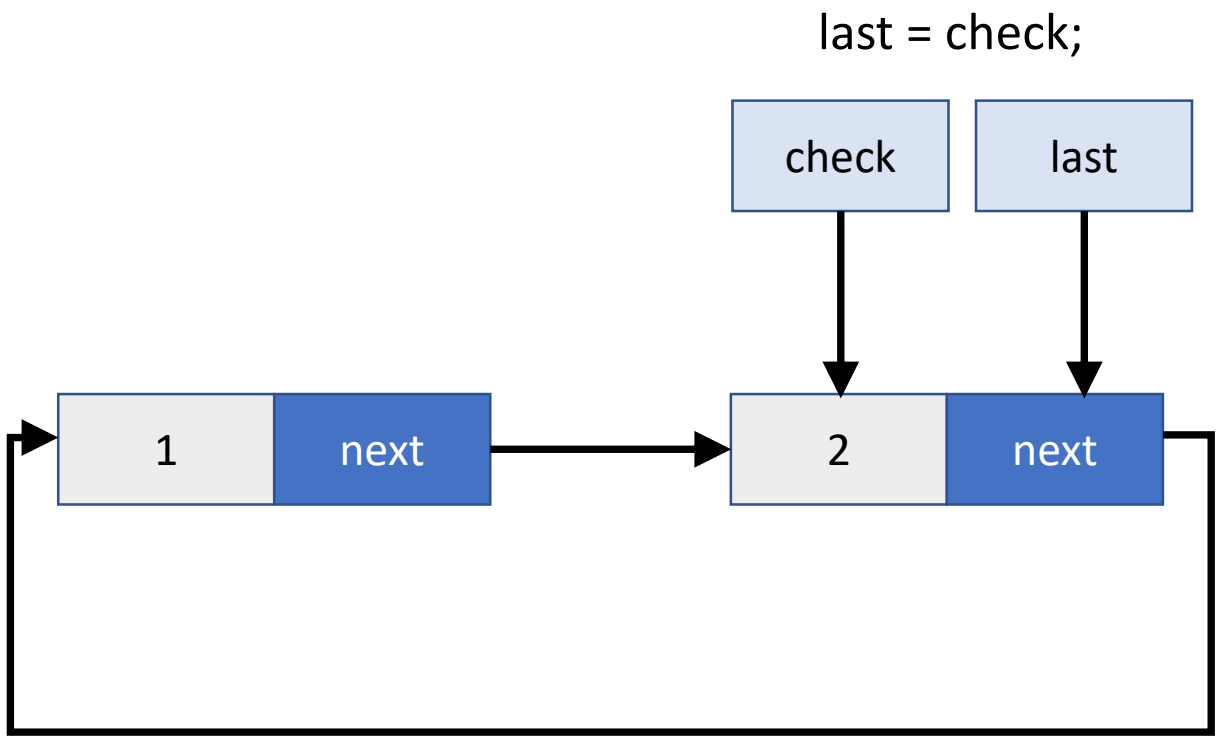
Delete End



Delete End

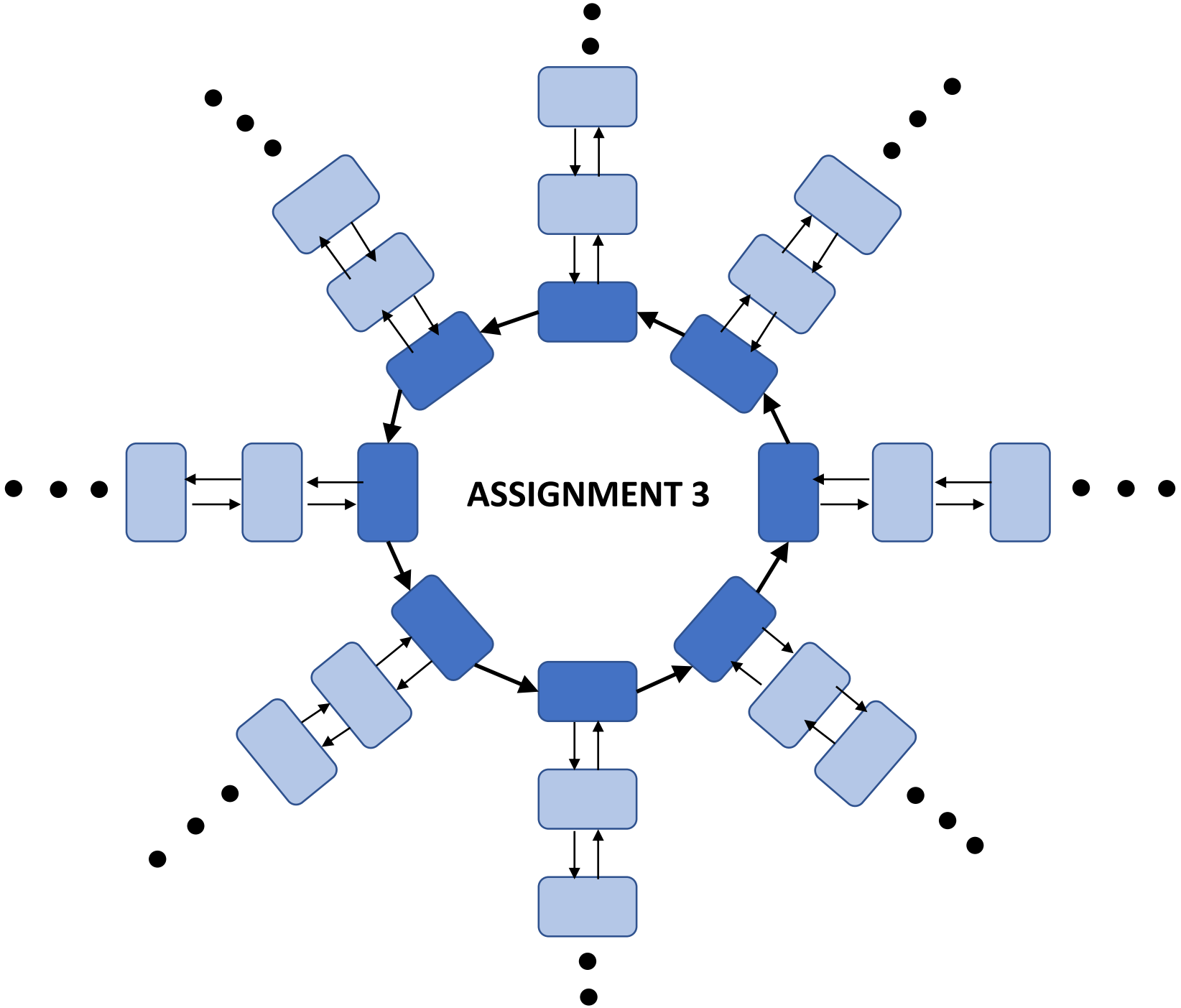


Delete End



Delete After

Same as singly linked list


ASSIGNMENT 3

Thanks a lot

If you are taking a Nap, **wake up**.....Lecture Over