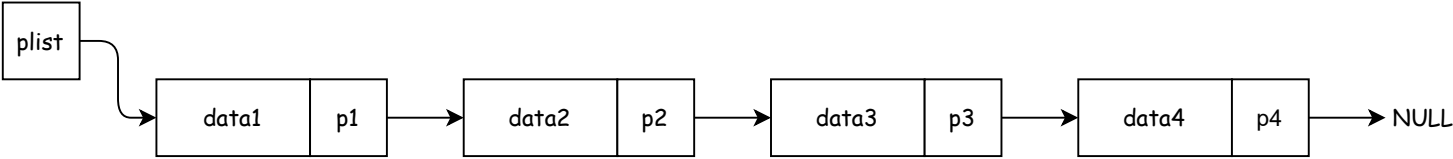


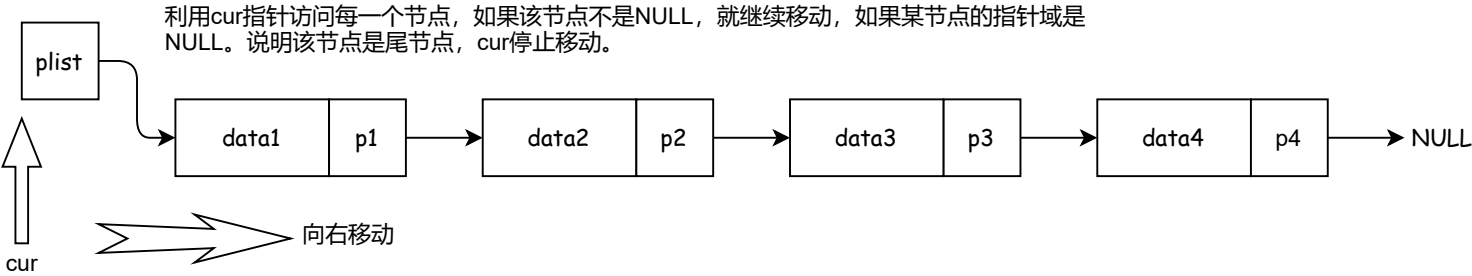
链表的逻辑结构



链表的物理结构

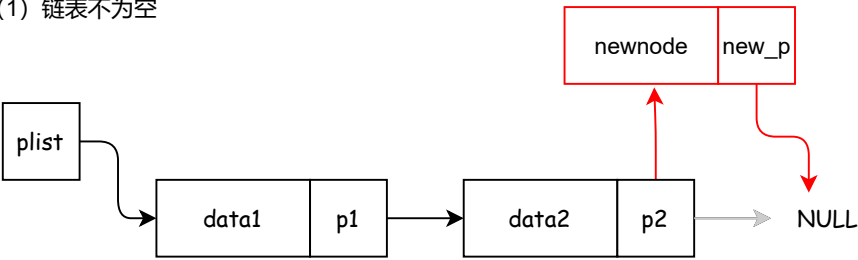


Print

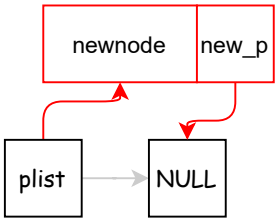


PushBack

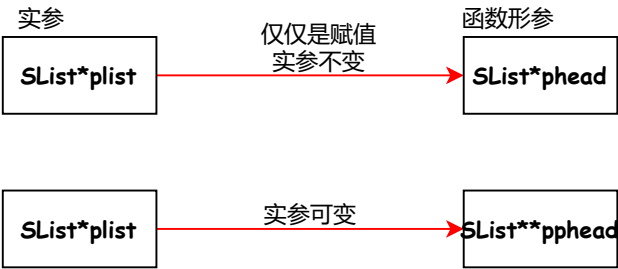
(1) 链表不为空



(2) 链表为空



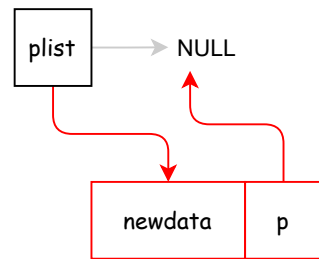
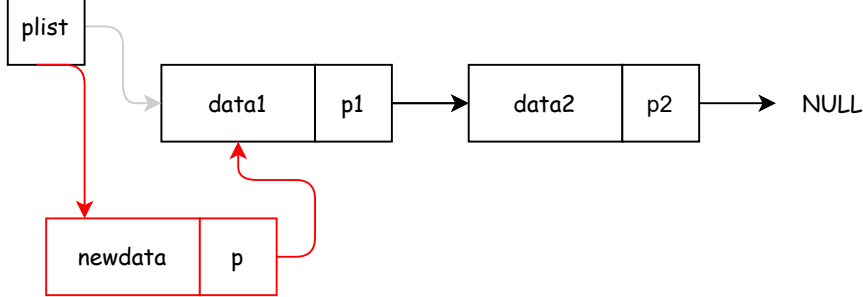
二级指针分析



头插

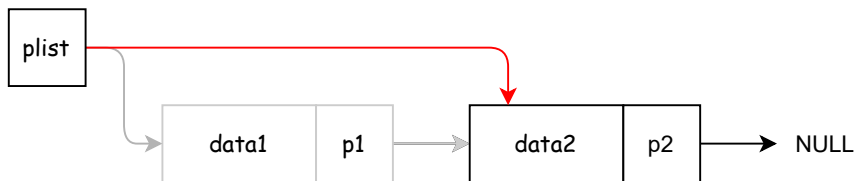
(1) 链表不为空

(2) 链表为空

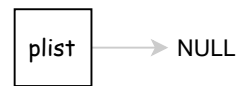


头删

(1) 链表不为空



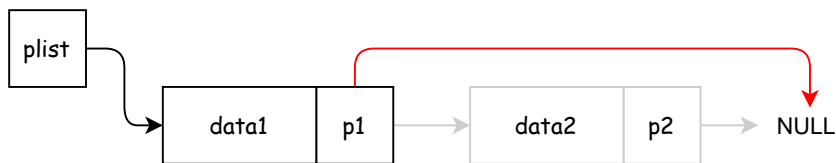
(2) 链表为空



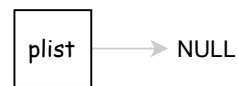
直接返回

尾删

(1) 链表不为空，且元素个数大于等于2



(2) 链表为空



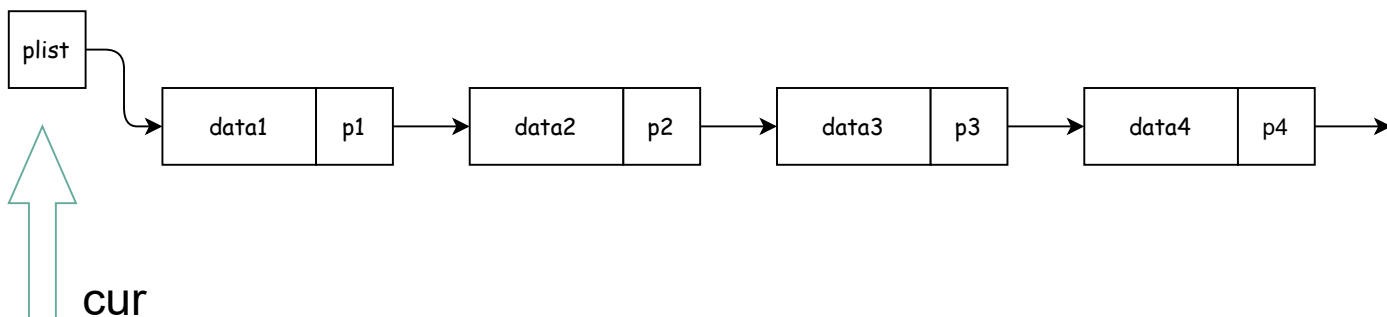
直接返回

(3) 链表不为空，且元素个数为1



链表相关的代码一定要多考虑空链表的情况！

查找

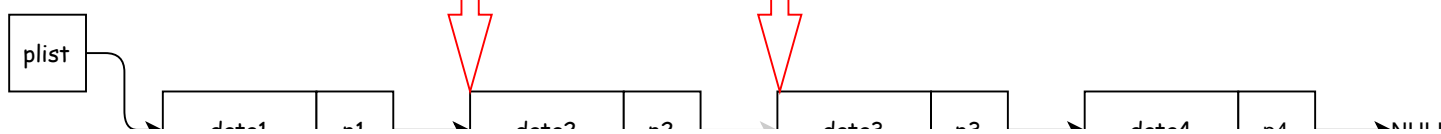


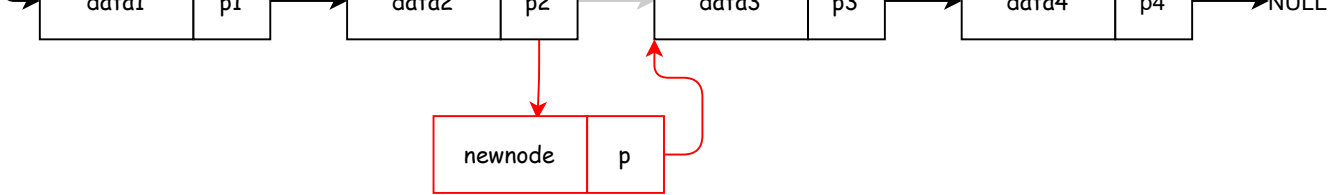
向前插入

在pos的前一个位置插入新的节点

prepos

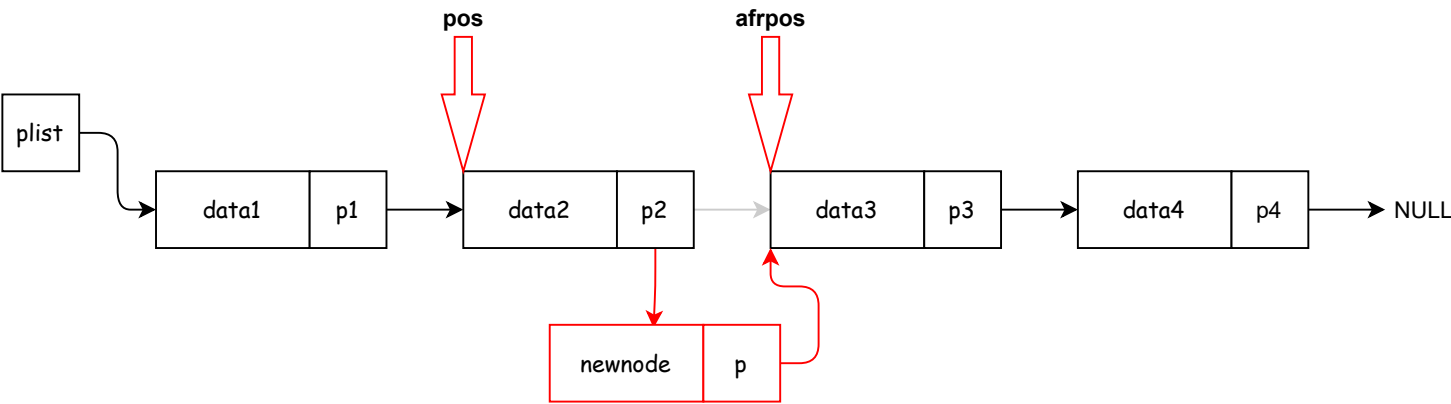
pos





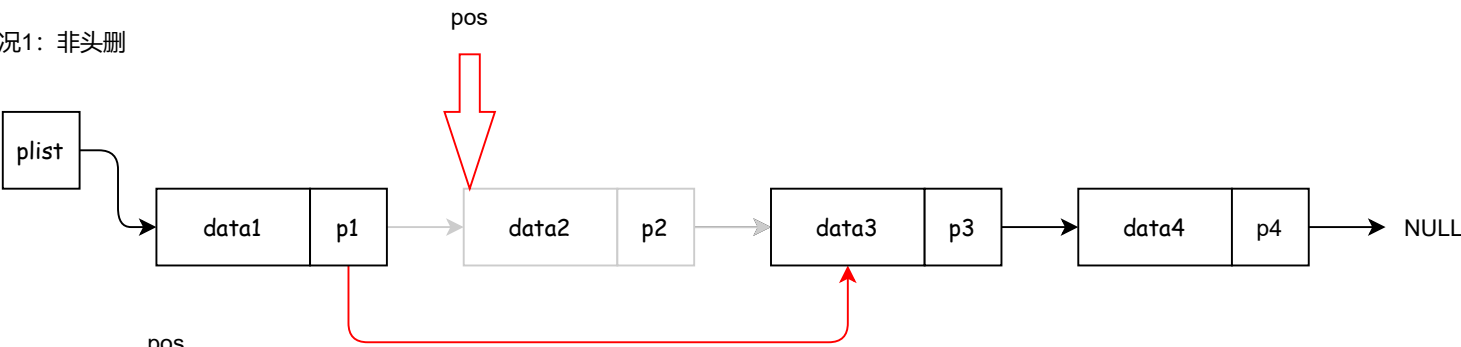
向后插入

在pos的后一个位置插入新的节点

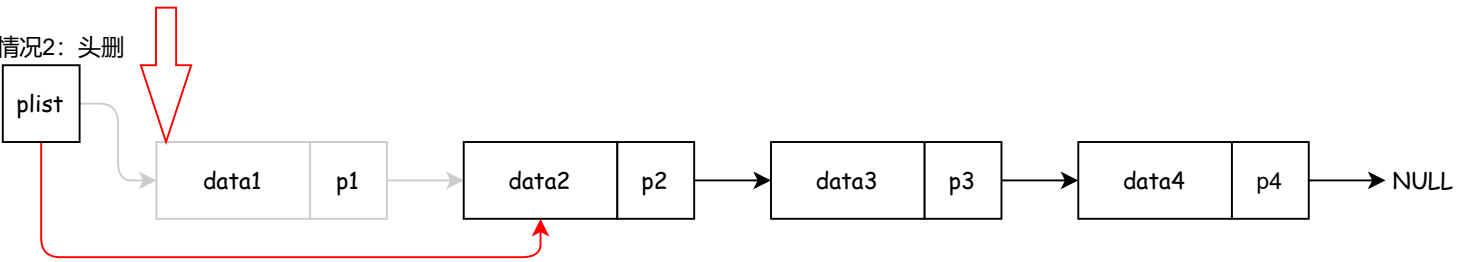


删除

情况1: 非头删



情况2: 头删



销毁

