```
LNode *Merge_LinkedList(LNode *La, LNode *Lb) {
  LNode *Lc, *pa, *pb, *pc, *ptr;
  Lc = La;
  pc = La;
  pa = La->next;
  pb = Lb->next;
  while(pa != NULL && pb != NULL) {
      if(pa->data < pb->data) {
           pc->next = pa;
           pc = pa;
           pa = pa->next;
      else if(pa->data > pb->data) {
           pc->next = pb;
           pc = pb;
           pb = pb->next;
      }
      else if(pa->data == pb->data) {
           pc->next = pa;
           pc = pa;
           pa = pa->next;
           ptr = pb;
           pb = pb->next;
           free(ptr);
      }
  }
                                         head
                                                  =|>|3
                                                                 =D 10
                                                                       ⇒ 231
                                1. La
                                                         =D7
                                         Lc, pc
                                                    pa
  if(pa != NULL) pc->next = pa;
  else pc->next = pb;
                                    Lb
                                         head
                                                        ⊨D|4
                                                                       ⊨Ы 8

► NULL

  free(Lb);
                                                    pb
                                                                =D 10
                                                  =⊳|3
                                                        |-|| | | | |
                                                                       ⊨> 23 l
  return(Lc);
                                2. La
                                         head
                                         Lc
                                                    pa
                                    Lb
                                                         -14
                                         head
                                                                        8 🔾
                                                           pb
                                                    рс
                                3. La
                                         head
                                                  -Ы3
                                                         =D|7
                                                                =D 10
                                                                       => 23
                                         Lc
                                                    pk
                                                          рa
                                                         -D_4_
                                    Lb
                                         head
                                                            pb
                                4. La
                                                                head
                                         Lc
                                                    pk
                                                          рa
                                                                -D 7
                                                                       B|4=|
                                    Lb
                                         head
                                                           pb
                                5. La
                                         head
                                                  -Ы3
                                                         =17
                                                                 => 10
                                                                       → 23
                                                                               ⊨> NULL
                                         Lc
                                                           pa
                                    Lb
                                                                        ->|8
                                                                              ¬⇒> NULL
                                         head
                                                           4
                                                           рс
                                                                   pb
```

}

