```
LNode * circular_LinkList(void) {
int data;
LNode * head, * p, * q;
head = p = (LNode * ) malloc(sizeof(LNode));
head -> next = NULL;
do {
  scanf("%d", & data);
  q = (LNode * ) malloc(sizeof(LNode));
  q -> data = data;
  q -> next = p -> next;
                                           1. Head
                                                      ⇒NULL
  p \rightarrow next = q;
                                               р
  p = q;
} while (getchar() != '\n');
                                           2. Head
p -> next = head;
return (head);
                                           3. Head
                                                         p, q
                                           4. Head
                                           5. Head

NULL

                                                              -D 2
                                                                      =Ы <u>з ↓</u>
                                           6. Head
                                                                            ⊫⊳ null
                                                                р
                                                                        q
                                                              \Rightarrow
                                                                     H)3
                                           7. Head
                                                                            ⇒NULL
                                                                        p, q
                                           8. Head
                                                      |-|>|1
                                                             -D2
                                                                     Head
```

p, q