

```
1 #ifndef list_node_included
2 #define list_node_included
3
4 /****
5 *
6 * Type ListNode defines an integer-value element of a singly-linked list.
7 *
8 */
9
10 typedef struct ListNodeStruct {
11
12     /** Integer data value of the node. */
13     int value;
14
15     /** Pointer to next node in the list. */
16     struct ListNodeStruct* next;
17
18 } ListNode;
19
20 /**
21 * Allocate a new node with the given integer value and null next field.
22 */
23 ListNode* newListNode(int value);
24
25 #endif
```