```c
/**
* Definition for singly-linked list.
* struct ListNode {
* int val;
* struct ListNode *next;
* };
*/
#include <stdlib.h>
#include <stdio.h>

// Definition for singly-linked list.


struct ListNode* reverseList(struct ListNode* head) {
struct ListNode* prev = NULL;
struct ListNode* curr = head;
struct ListNode* next = NULL;

while (curr != NULL) {
next = curr->next; // Save the next node
curr->next = prev; // Reverse the link
prev = curr; // Move prev to the current node
curr = next; // Move curr to the next node
}

return prev; // The new head of the reversed list
}

// Function to print the linked list
void printList(struct ListNode* head) {
while (head != NULL) {
printf("%d -> ", head->val);
head = head->next;
}
printf("NULL\n");
}

// Function to create a new node with a given value
```

```
struct ListNode* createNode(int val) {
struct ListNode* newNode = (struct ListNode*)malloc(sizeof(struct ListNode));
newNode->val = val;
newNode->next = NULL;
return newNode;
}
```

Output: