

Ex: no: 20

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c.

AIM:

To write a C prgm to reverse a SLL

ALGORITHM:

=> start the program.

=> Create a struct node.

=> Create a SLL using dynamic malloc.

=> prev = NULL

=> current = head

=> next = NULL

=> next = current -> next

=> current -> next = prev

=> prev = current

=> Current = next.

=> Finally, make head = prev.

=> Display the traversed LL.

=> stop the program.

OUTPUT:

Enter no. of nodes: 3

Enter data for node 1: 5

Enter data for node 2: 90

Enter data for node 3: 8

Original LL: 5 90 8

Reversed LL: 8 90 5

RESULT:

The prgm successfully reverses the SLL.