**Lab Task 7 (DSA)**

**Explanation:**

Node Structure:

* Each node has three parts: data, prev and next

Doubly Linked List Class :

* Uses head and tail (last node) for easy traversal.

Display Functions:

* displayForward : Prints the list from head to tail.
* displayReverse : Prints the list from tail to head.

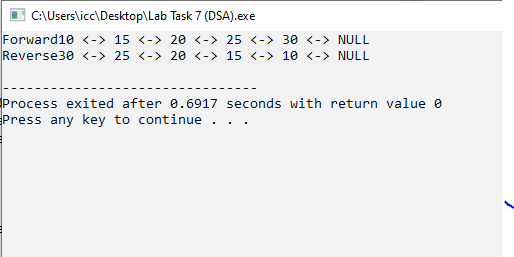
Memory Management:

* Dynamically allocates memory using new for each node.

Main Function:

* Demonstrates inserting values and displaying them in both forward and reverse order

**Output:**

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