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**DSA LAB Task 5**

**What we are doing:**

The code implements a simple linked list with functionalities to insert nodes at various positions and print node data.

How doing:

* Insertion Methods:
  + insertAtFront(int value): Adds a node at the beginning.
  + insertAtEnd(int value): Adds a node at the end.
  + insertAtPosition(int position, int value): Inserts a node at a specified position, handling invalid positions.
* Print Methods:
  + printList(): Displays all nodes in order.
  + printFirstNode(): Prints the first node's data.
  + printLastNode(): Prints the last node's data.
  + printNthNode(int n): Prints the data of the nth node.
  + printCenterNode(): Finds and prints the center node using the slow and fast pointer technique.
* Main Function:
  + Creates a LinkedList instance, inserts nodes at various positions, and calls print methods to display the list and specific nodes.

