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**Roll no:**

**SU92-BSSEM-S24-014**

**Subject :**

**DSA (Lab)**

**Section :**

**3A**

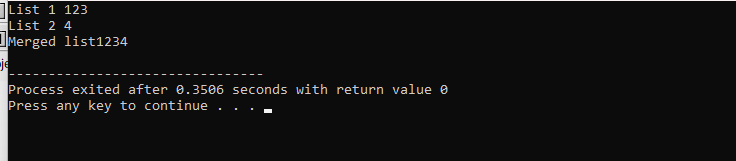
**Submitted to:**

**Sir Rasikh**

**Task no 8:**

**1. Create 2 Singly LinkedLists and Merge them and display them.**

**2. Create 2 Double LinkedLists and Merge them and display them.**

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In this code we made a singly linked list with operations to insert nodes at the end, merge two lists, and display the list. The Singlynode class represents a node with data and a pointer to the next node, while the Singlylinkedlist class manages the list. The insert\_at\_last function adds nodes to the end, and merge appends the second list to the first. The displaylist function prints the list’s elements. In the main function, two lists are created, populated, merged, and displayed. The code demonstrates basic singly linked list operations, including merging and traversal.