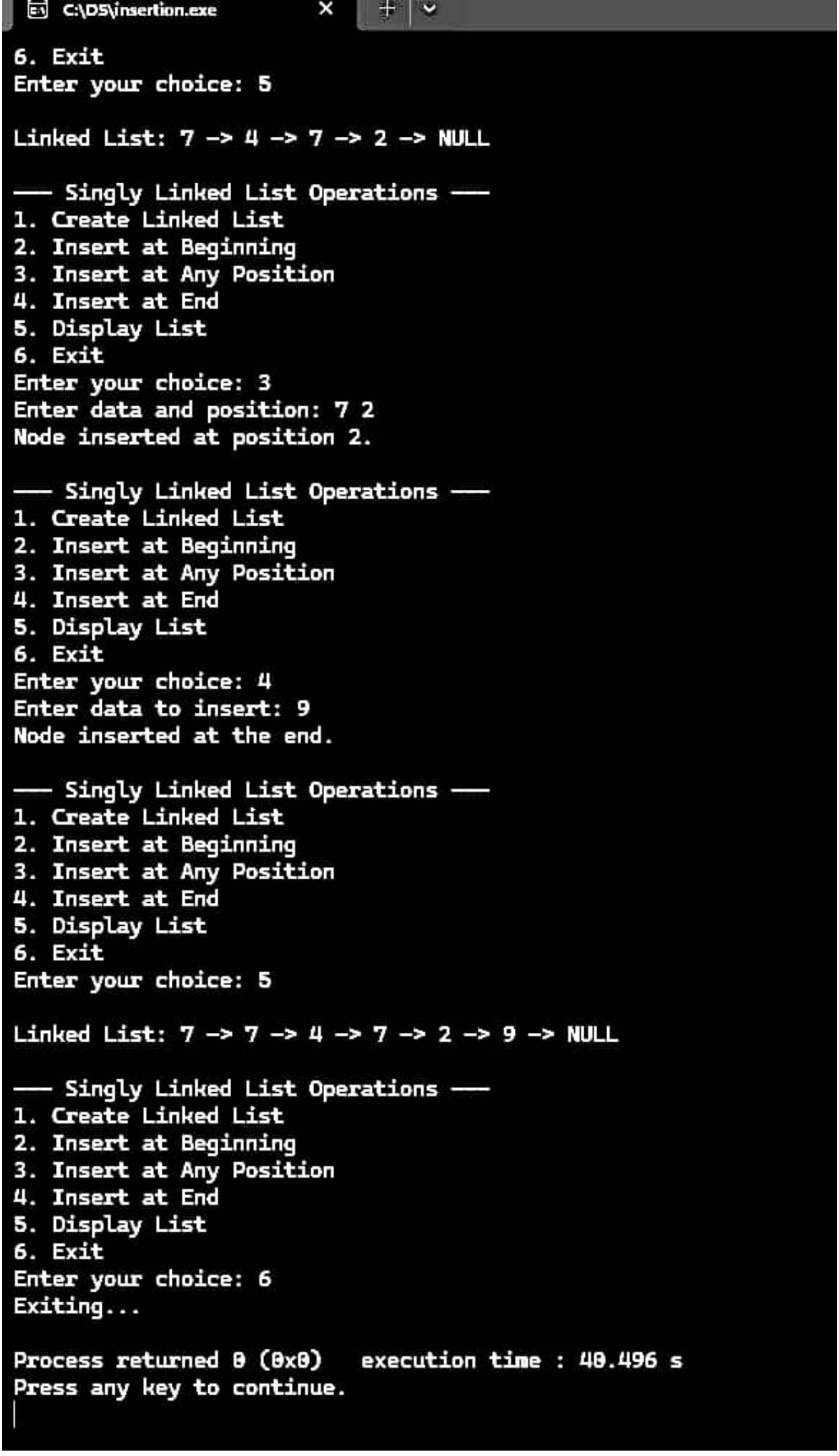
C:\DS\insertion.exe

```
── Singly Linked List Operations ──
1. Create Linked List
2. Insert at Beginning
3. Insert at Any Position
4. Insert at End
5. Display List
6. Exit
Enter your choice: 1
Enter number of nodes: 3
Enter data for node 1: 4
Enter data for node 2: 7
Enter data for node 3: 2

Linked list created successfully.

── Singly Linked List Operations ──
1. Create Linked List
2. Insert at Beginning
3. Insert at Any Position
4. Insert at End
5. Display List
6. Exit
Enter your choice: 2
Enter data to insert: 7
Node inserted at the beginning.

── Singly Linked List Operations ──
1. Create Linked List
2. Insert at Beginning
3. Insert at Any Position
4. Insert at End
5. Display List
6. Exit
Enter your choice: 5

Linked List: 7 -> 4 -> 7 -> 2 -> NULL

── Singly Linked List Operations ──
1. Create Linked List
2. Insert at Beginning
3. Insert at Any Position
4. Insert at End
5. Display List
6. Exit
Enter your choice: 3
Enter data and position: 7 2
Node inserted at position 2.

── Singly Linked List Operations ──
1. Create Linked List
```



4. temp->next = newNode

30 → 35 35→40 10→20→30→ 35→40→50.

Insert's at end of list.

step	Action	Temp Node	New Node	Pointer	List.
1.	Traverse to end	temp = node (50)	—	—	10→20→30→ 40→50
2.	create new node	—	55 (next = NULL)	—	10→20→30→ 40→50
3.	Set temp->next = newNode	50→55	55→ NULL	✓	10→20→ 30→40→ 50→55

17/11/25

Seen