INPUTS AND OUTPUT OF CODES(LAB11)

01 Student) Creating a class of Student and storing data using LinkedList

Output	Input
Enter details: Roll Number, Name, and Age respectively Enter details: Roll Number, Name, and Age respectively Enter details: Roll Number, Name, and Age respectively Enter details: Roll Number, Name, and Age respectively	10 Avinash 19 12 Ayush 18 41 Nachiket 19 66 Yashraj 19
Students:	
Student(Roll no., name, age): 10 Avinash 19 Student(Roll no., name, age): 12 Ayush 18 Student(Roll no., name, age): 41 Nachiket 19 Student(Roll no., name, age): 66 Yashraj 19	
After deletion:	Delete for roll: 66
Roll: 10, Name: Avinash, Age: 19 Roll: 12, Name: Ayush, Age: 18 Roll: 41, Name: Nachiket, Age: 19	

LinkedList 2A) Concatenating two Linked List into a single LinkedList

OUTPUT	INPUT
Create List One:	
Enter the number of elements in list1:	**4**
Enter 1st element: Enter 2nd element: Enter 3rd element: Enter 4th element:	**5** **10** **15** **20**
Create List two:	
Enter the number of elements in list2:	**4**
Enter 1st element: Enter 2nd element: Enter 3rd element: Enter 4th element:	**25** **30** **35** **40**
Concatenated list: 5 10 15 20 25 30 35 40	

LinkedList 2B) Store elements in sorted order in a LinkedList

OUTPUT	INPUT
Enter the number of elements to insert in list:	**6**
Enter the 1st element: Enter the 2nd element: Enter the 3rd element: Enter the 4th element: Enter the 5th element: Enter the 6th element:	**50** **15** **29** **47** **91** **73**
15 29 47 50 73 91	

LinkedList 2C) Creating a Custom Queue Data Structure using a LinkedList

OUTPUT	INPUT
Enqueue: Enqueue: Enqueue:	**32** **67** **89**
Dequeued element at the front is 32 Dequeued element at the front is 67 Dequeued element at the front is 89	
Queue is empty. Unable to dequeue.	