


# National University of Computer and Emerging Sciences, Lahore Campus

	Course:	Data Structures	Course Code:	CS218
	Program:	BS(Computer Science)	Semester:	Fall 2022
	Duration:	10 Minutes	Total Marks:	10
	Paper Date:	22-Sept-22	Weight	
	Section:	D	Page(s):	1
	Exam:	Quiz 2(a)	Roll No:	
			Section:	D

Write a function reverse() in C++ in the class of singly linked list that reverses the direction of all the elements in the linked without use of iterators. Assume that there are dummy head and tail nodes.

Before function call

temp  
↓

temp L  
Head -> 1-> 3 -> 5-> 7 -> 12 -> 19 ->tail

After function call

temp

Head -> 19-> 12 -> 7-> 5 -> 3 -> 1 ->tail