CSE220: Data Structures (Lab)
Fall 2024
Lab Quiz - 02
Duration: 30 Minutes

B

Name:	**ID:**	**Section:**

[15 Points]

As a network engineer, you're tasked with developing a system to optimize bandwidth usage in a network. Write a function/method named **compressTraffic** that takes a linked list representing network traffic (where each node contains the traffic size in KB). The function should compress consecutive traffic blocks smaller than 100KB by merging them into a single block. The function should return the compressed linked list head.

- *You need to modify the given list. [Inplace]*
- *You do not need to write the driver code or others like Node class, just complete the **compressTraffic** function.*

Sample Input:	Sample Output:
50 → 40 → 20 → 150 → 5 → 3 → 200 → None	110 → 150 → 8 → 200 → None
Explanation: 50+40+20=110 (merged), 150 (unchanged), 5+3=8 (merged), 200 (unchanged)	