



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

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Name :	ID:	Section:
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1) Imagine you are a software engineer working on a **digital inventory system** for an online store. The system tracks a list of items available for sale, where each item is represented as a node in a **singly linked list**.

Your task is to clean up the inventory list by removing these consecutive duplicate items, ensuring that only unique items remain in the final list, regardless of how many times they were accidentally duplicated.

Modify the existing linked list(In-Place) and return the **number of nodes removed**.

Your task is to write a function `removeDuplicate(head)/ removeDuplicate(Node head)`, that prints the number of nodes removed and the modified list after removal of duplicates.

Sample Input	Sample Output
1→2→5→5→9→9→None	Removed Items: 2 Modified List: 1→2→5→9→None