



## **Introduction to Basic Data Structures**

### **Module 10: Practice Problem**

**(Leetcode Links)**

#### **Topics:**

1. Singly Linked List
2. STL List

**1. [Remove Linked List Elements](#)** [Easy]

- Asked in **[Facebook, Amazon, Microsoft]**  
[solution explained with animation](#)

**2. [Remove Nth Node From End of List](#)** [Medium]

- Asked in **[Google, Facebook, Amazon, Microsoft, Apple]**  
[solution explained with animation](#)

**3. [Intersection of Two Linked Lists](#)** [Easy]

- Asked in **[Facebook, Amazon, Microsoft]**  
[solution explained with animation](#)

**4. [Swapping Nodes in a Linked List](#)** [Medium]

- Asked in **[Google, Facebook, Amazon, Microsoft]**

**5. [Merge Nodes in Between Zeros](#)** [Medium]

- Asked in **[Google, Facebook, Amazon, Microsoft]**  
[solution explained with animation](#)

**6. [Delete the Middle Node of a Linked List](#)** [Medium]

- Asked in **[Amazon, Microsoft, Adobe]**

**7. [Swap Nodes in Pairs](#)** [Medium]

- Asked in **[Facebook, Amazon, Microsoft, Apple]**

**Phitron's Leetcode Interview preparation playlist on Linked List - by Mahmud Hossain Pias: [Link](#)**