



SKILLS

Linked list



Recap

- Backtracking and problems based on backtracking.

Today's checklist

- Introduction to linked list
- Types of linked list
- Node in a linked list
- Insertion in a linked list
- Display of a linked list
- Deletion in a linked list
- Reverse string iteratively
- Reverse string recursively
- Middle of a linked list
- Cycle detection in a linked list

What is linked list ?

Types of linked list

- Singly linked list
- Doubly linked list
- Circular linked list

Node in a linked list

Insertion at the end in a linked list

Insertion at the beginning in a linked list

Insertion after any node in a linked list

Display of a linked list

Deletion in a linked list

Reversal in a Linked List(Iterative)

Reversal in a Linked List(Recursion)

Middle of a linked list

Cycle detection in a linked list

Summary

- In this lecture we have discussed what is linked list and discussed some very prominent concepts based on linked list.



▶ THANK YOU ◀