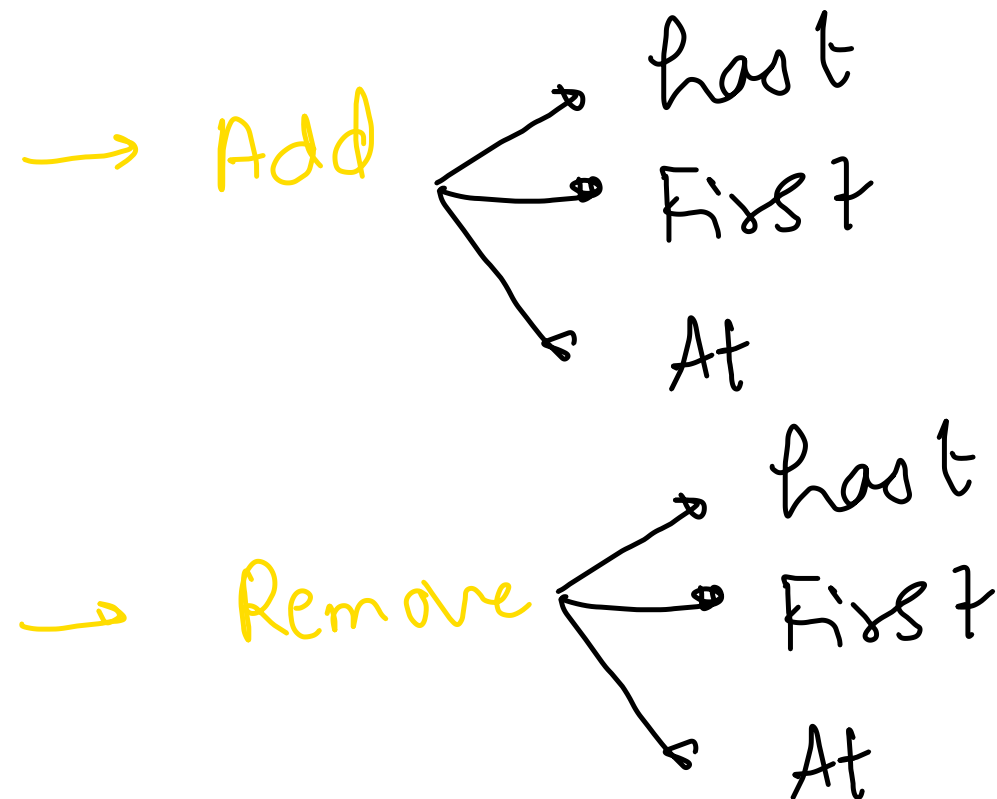


701-301 linked list (level 1 + level 2)

{ Monday 8:30 to 12 }

lecture ①

- L2 Basics
- Display, Get At



{ Tuesday 8:30 to 12 }

lecture ②

→ Reverse linked list

- Data Iterative
- Pointer Iterative
- Data Recursive
- Pointer Recursive
- Display Reverse
- K Reverse
- Palindrome ll

linked list (level 1 + level 2)

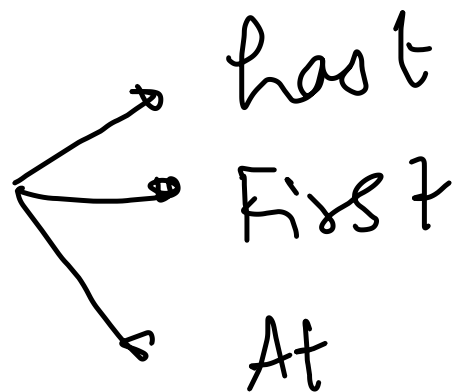
{ Monday 8:30 to 12 }

lecture ①

→ LL Basics

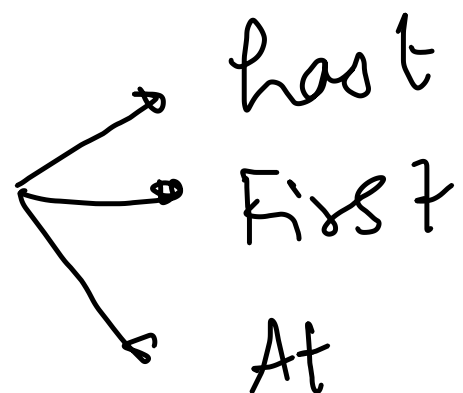
→ Display, Get At

→ Add



```
graph LR; Add --> last; Add --> First; Add --> At;
```

→ Remove



```
graph LR; Remove --> last; Remove --> First; Remove --> At;
```

{ Tuesday 8:30 to 12 }

lecture ②

→ Reverse linked list

→ Data Iterative

→ Pointer Iterative

→ Data Recursive

→ Pointer Recursive

→ Display Reverse

→ K Reverse

→ Palindrome ll

{Wednesday 8:30 to 12}

Lecture ③

→ merge l^{th}

→ merge 2 Sorted

→ merge k Sorted

→ merge Sort

→ Big-Integers

→ Add 2 l^{th}

→ Subtract 2 l^{th}

→ Multiply 2 l^{th}

{Thursday 8:30 to 12}

Lecture ④

→ Middle Node

→ k^{th} node from end

→ Remove Duplicates
(12/11)

→ Intersection Pt

→ Rotate l^{th}

→ Reverse in Range

{ Friday 8:30 to 12 }

lecture (5)

→ Partition Lth

→ Partition around last ele

→ Partition around pivot

→ Odd Even Lth

→ Quick Sort Lth

→ Fold & Unfold Lth

→ Flatten Lth (1 2 1)

{ Sunday 9 AM to 12 PM }

lecture (6)

→ Floyd's cycle

→ Cycle Detection

→ Starting pt of cycle

→ Mathematical Proof

→ Clone Lth

→ With extra space

→ w/o extra space

→ Wave Sort Lth