Data Structure Module

Team Emertxe

EMERTXE

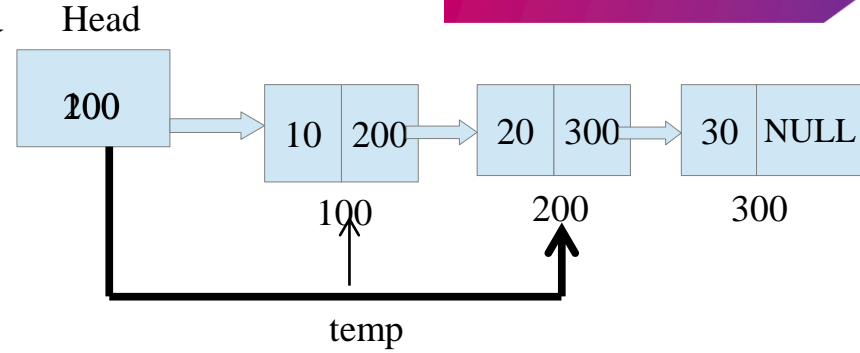# Linked List

Delete_at_first(head)
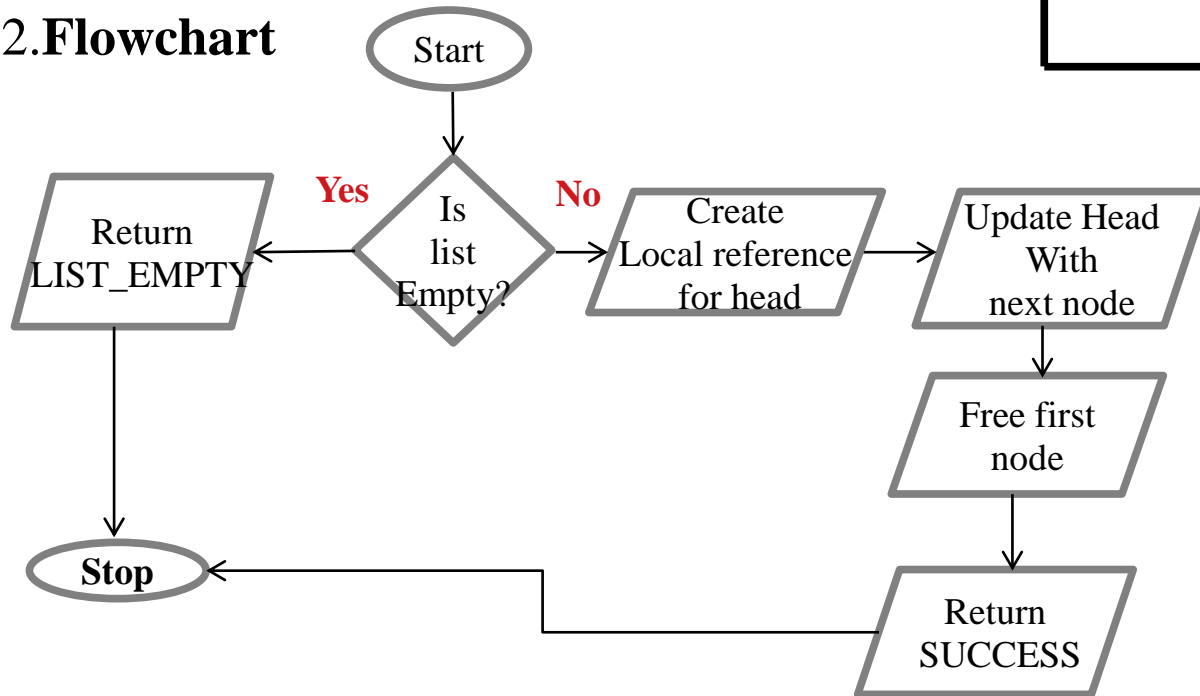
1.Analysis

Cases : List

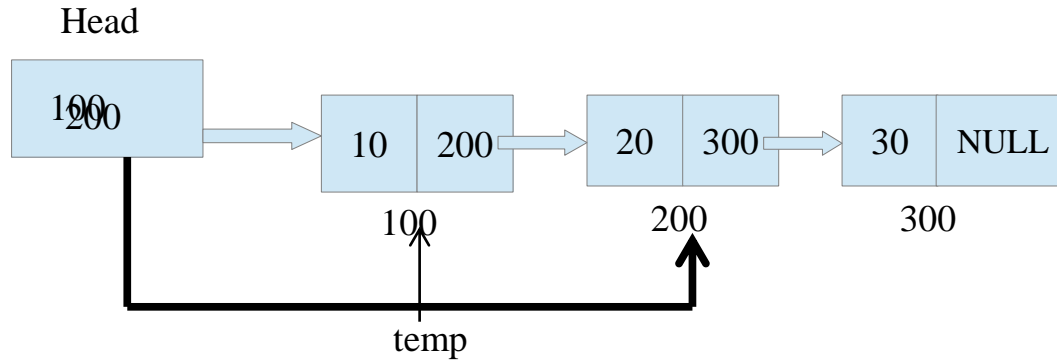Empty ⟶ LIST_EMPTY

Non Empty

Head

| 200 | → | 10 | 200 | → | 20 | 300 | → | 30 | NULL |

100   200   300

temp

2.Flowchart

Delete_at_first(head)

Head

| 100 200 | → | 10 | 200 | → | 20 | 300 | → | 30 | NULL |

100   200   300

temp

Pseudo code : Delete_at_first(Head)

1. if (Head = NULL)

   return LIST_EMPTY

2. temp ← Head

3. Head ← temp →link

4. free temp

5. return SUCCESS

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