

13. LINKED LISTS

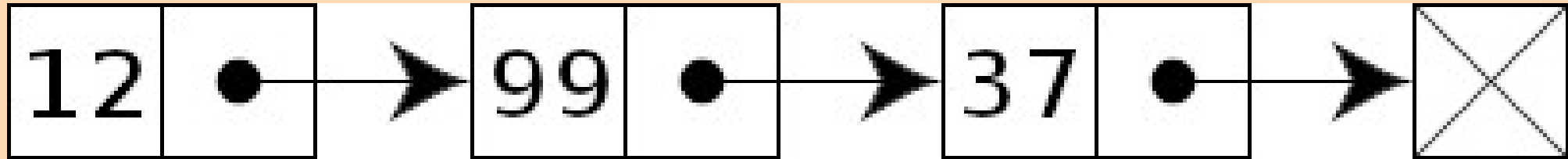
[Hengfeng Wei \(魏恒峰\).](#)

hfw@nju.edu.cn

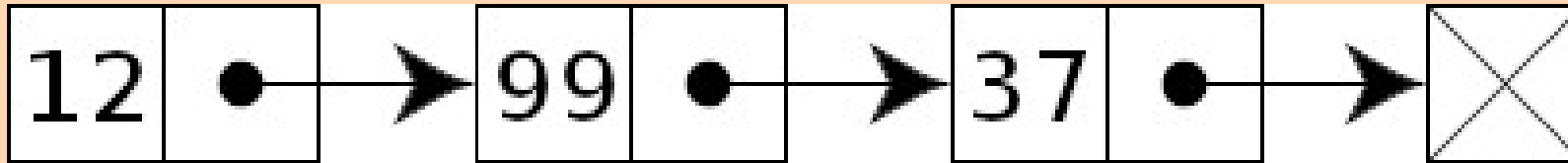


Dec. 22, 2023

Overview



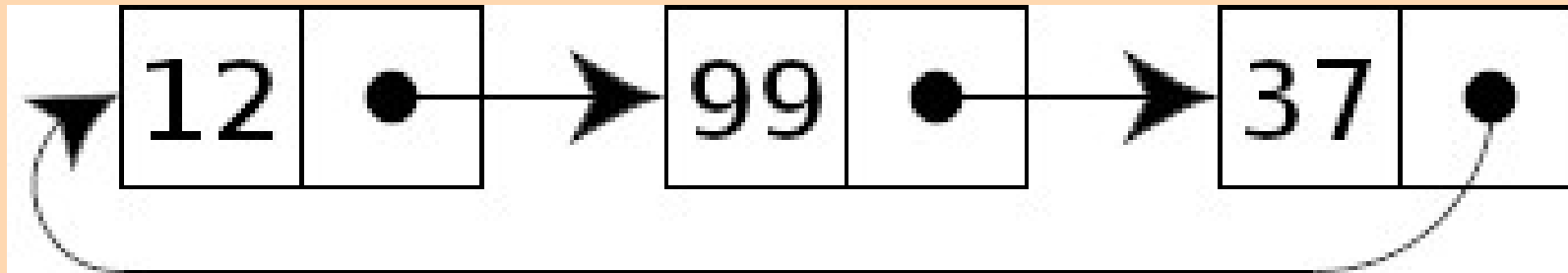
Linked List



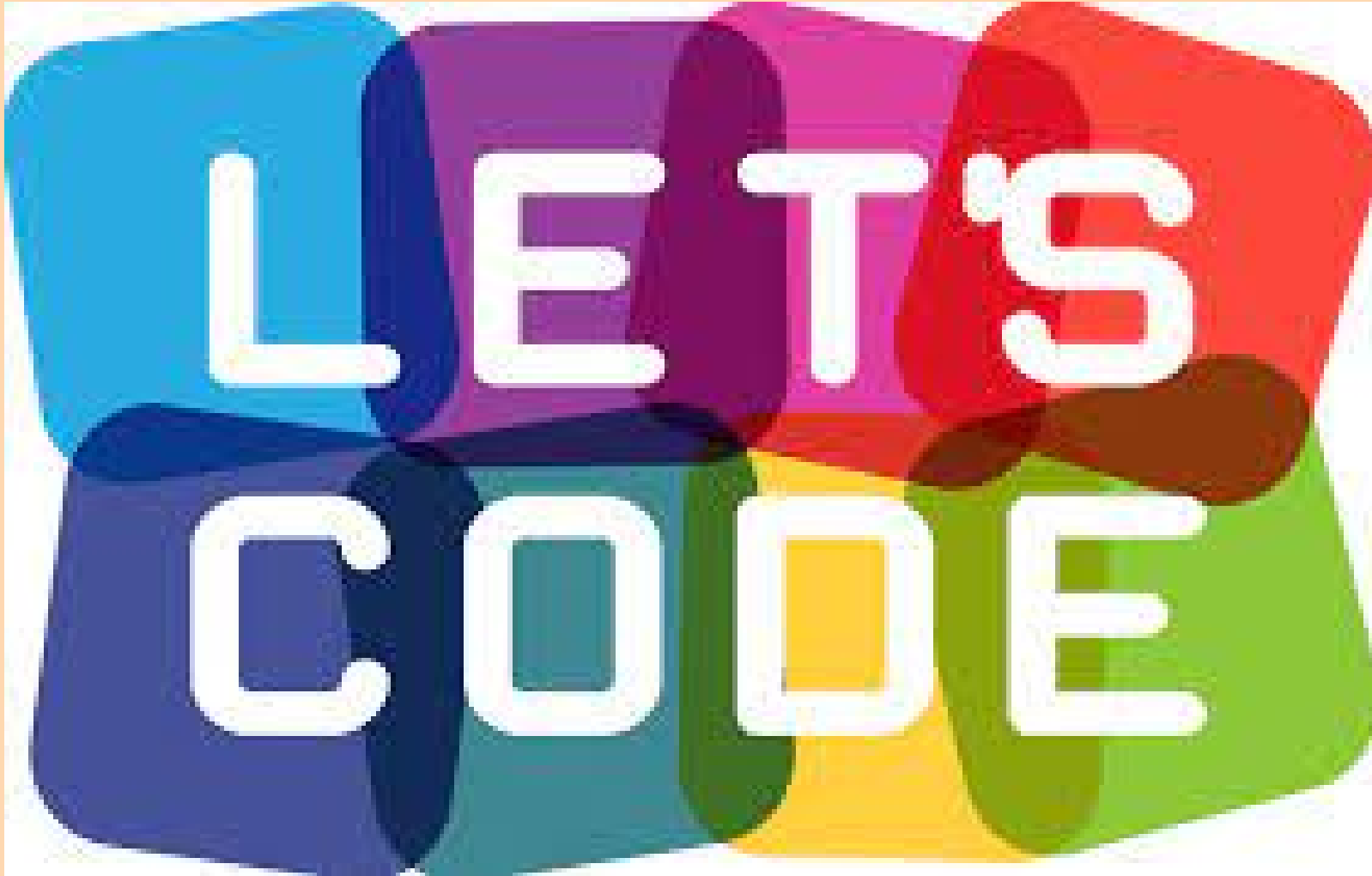
Singly Linked List



Doubly Linked List

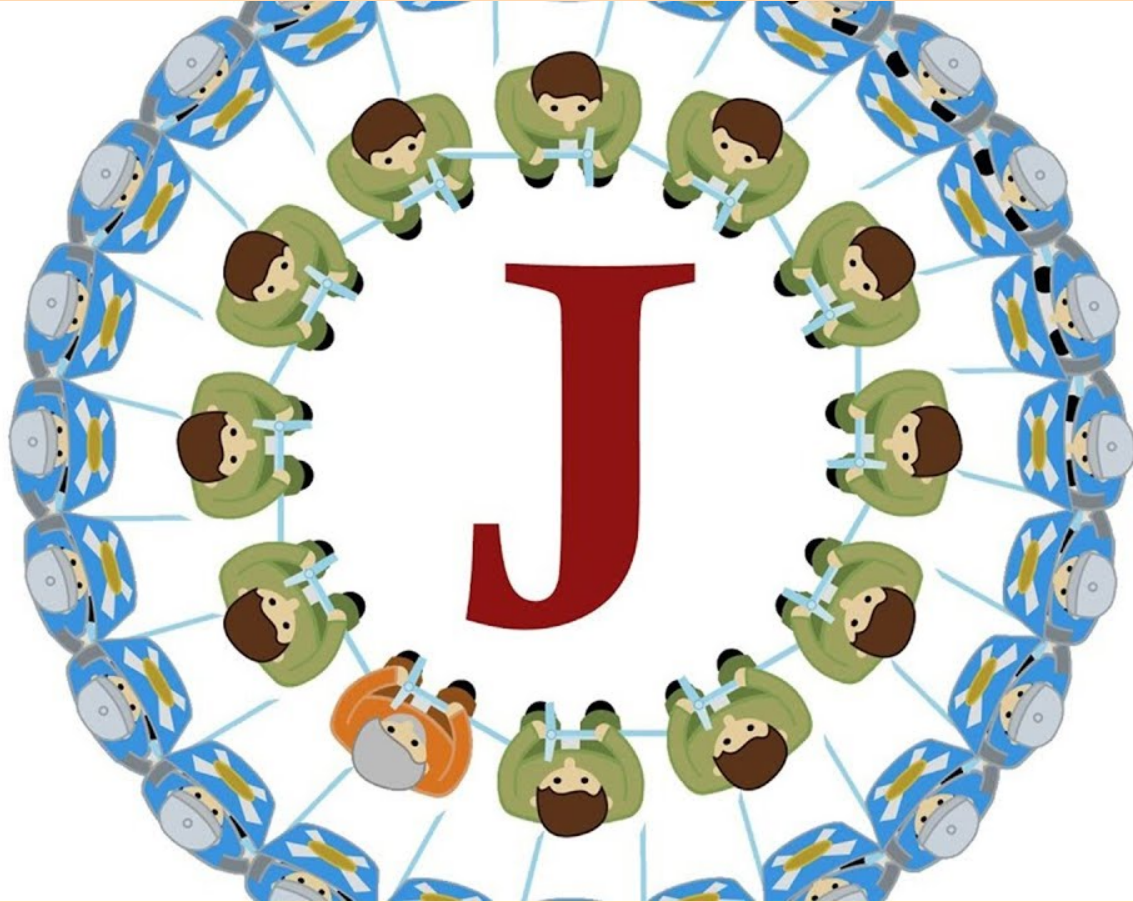


Circular (Singly) Linked List



[josephus.c](#)

Numberphile



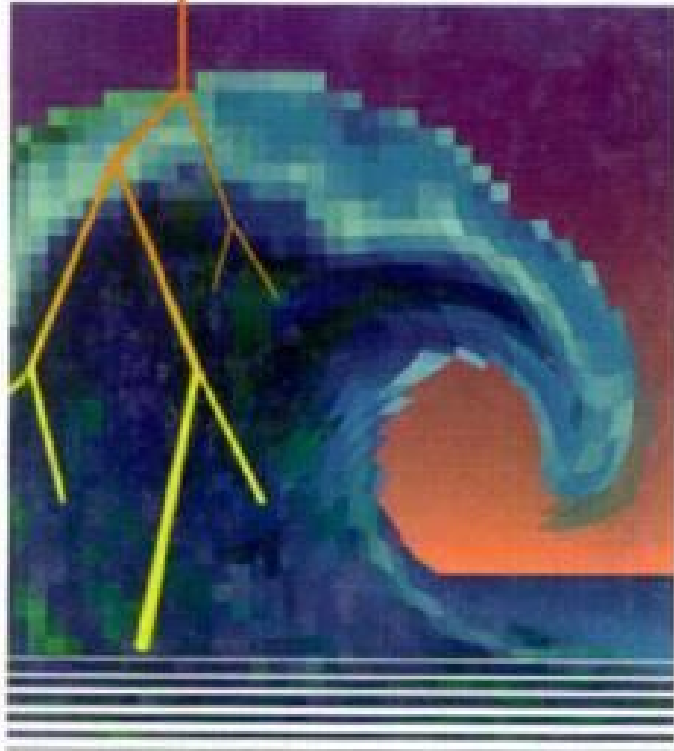
"I hate the Josephus Game!"

$$J(2^m + l) = 2l + 1 \quad (m \geq 0 \wedge 0 \leq l < 2^m)$$



SECOND
EDITION

Data Structures and Algorithm Analysis in C



Mark Allen Weiss

Algorithms in C

Robert Sedgewick



The logo for CNCC 2023 is centered within a white rectangular border. It features the text "CNCC" in a large, white, sans-serif font, with the "N" stylized as two overlapping 'V' shapes. Below "CNCC" is the year "2023" in a similar white, sans-serif font. The background of the logo is a solid brown color.

CNCC
2023

我们不知道学生是如何学(不)会写代码的



Your opinion
Matters

hfwei@nju.edu.cn

Karaoke DVD + 2 CD

beijing ⚡ hongkong

beijing ⚡ hongkong

罗大佑 北京 → 香港演唱會

**SEE YOU IN
2025!**