

13. LINKED LISTS

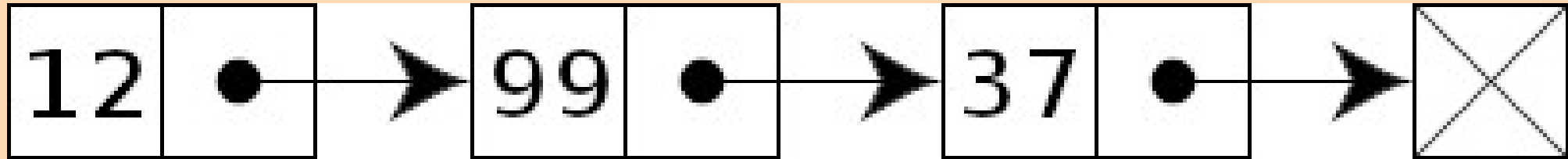
[Hengfeng Wei \(魏恒峰\).](#)

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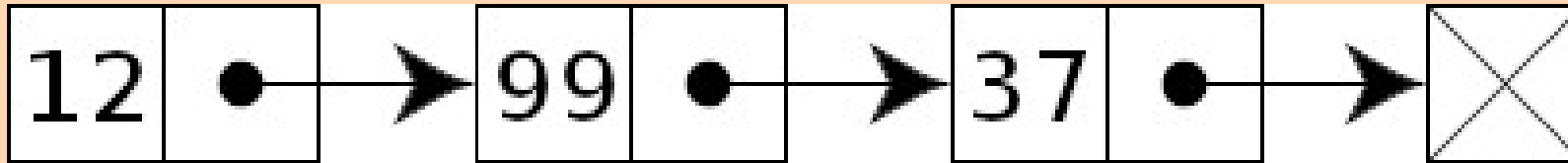


Dec. 22, 2023

Overview



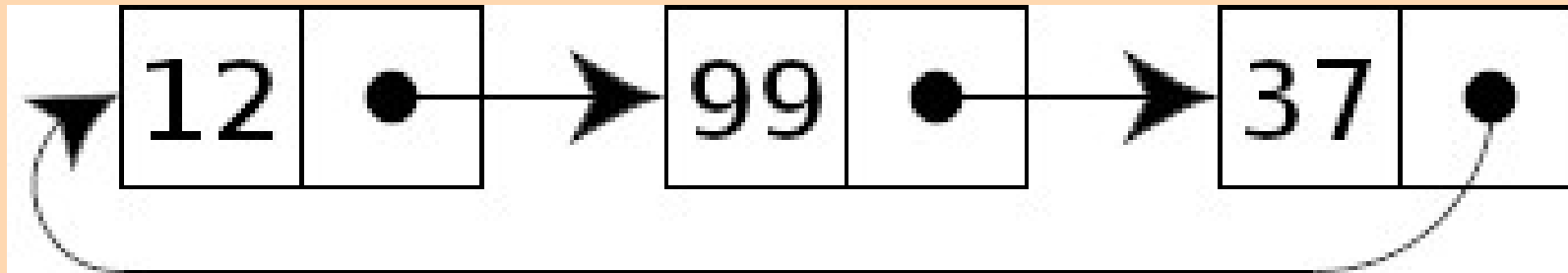
Linked List



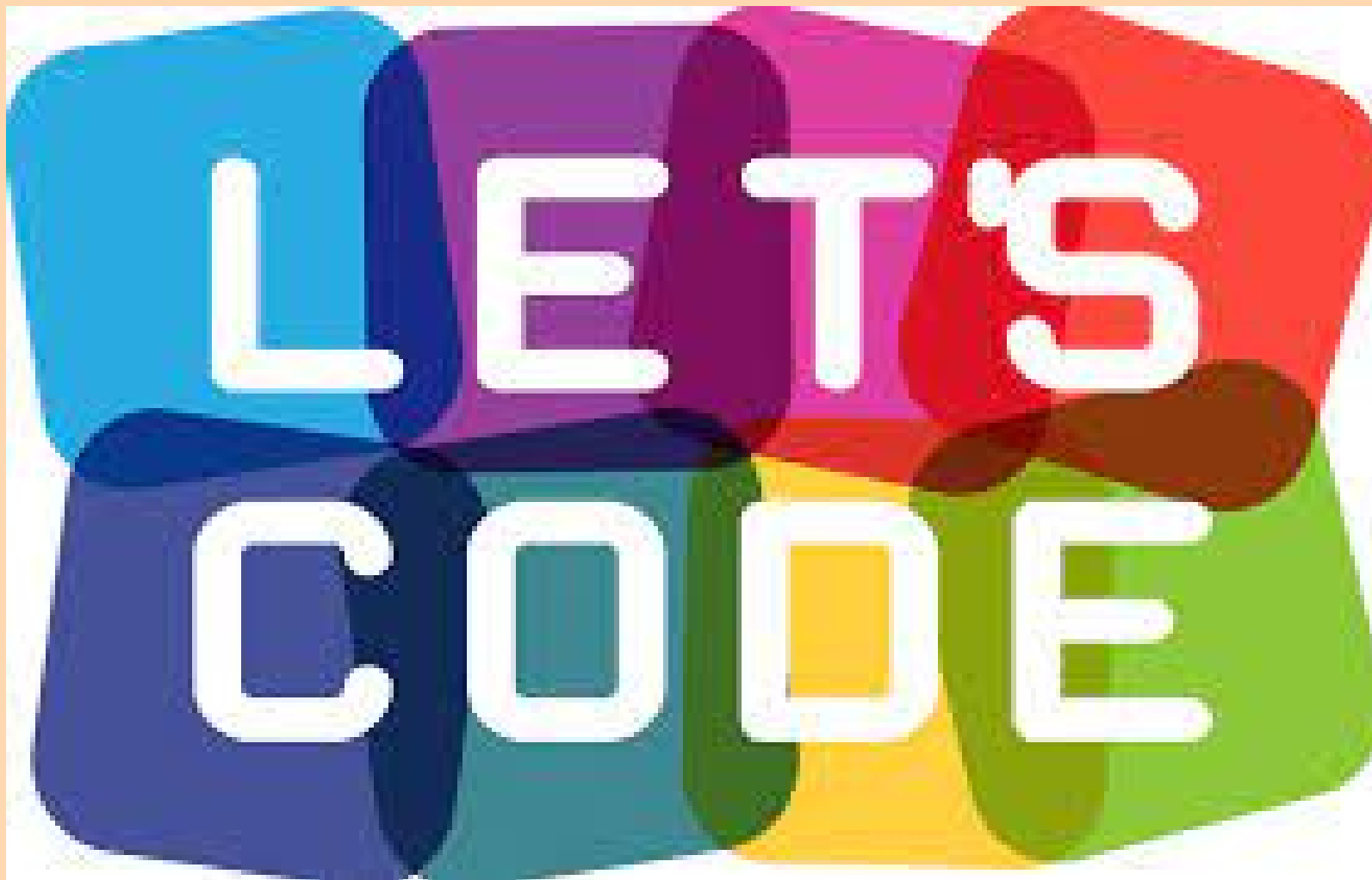
Singly Linked List



Doubly Linked List

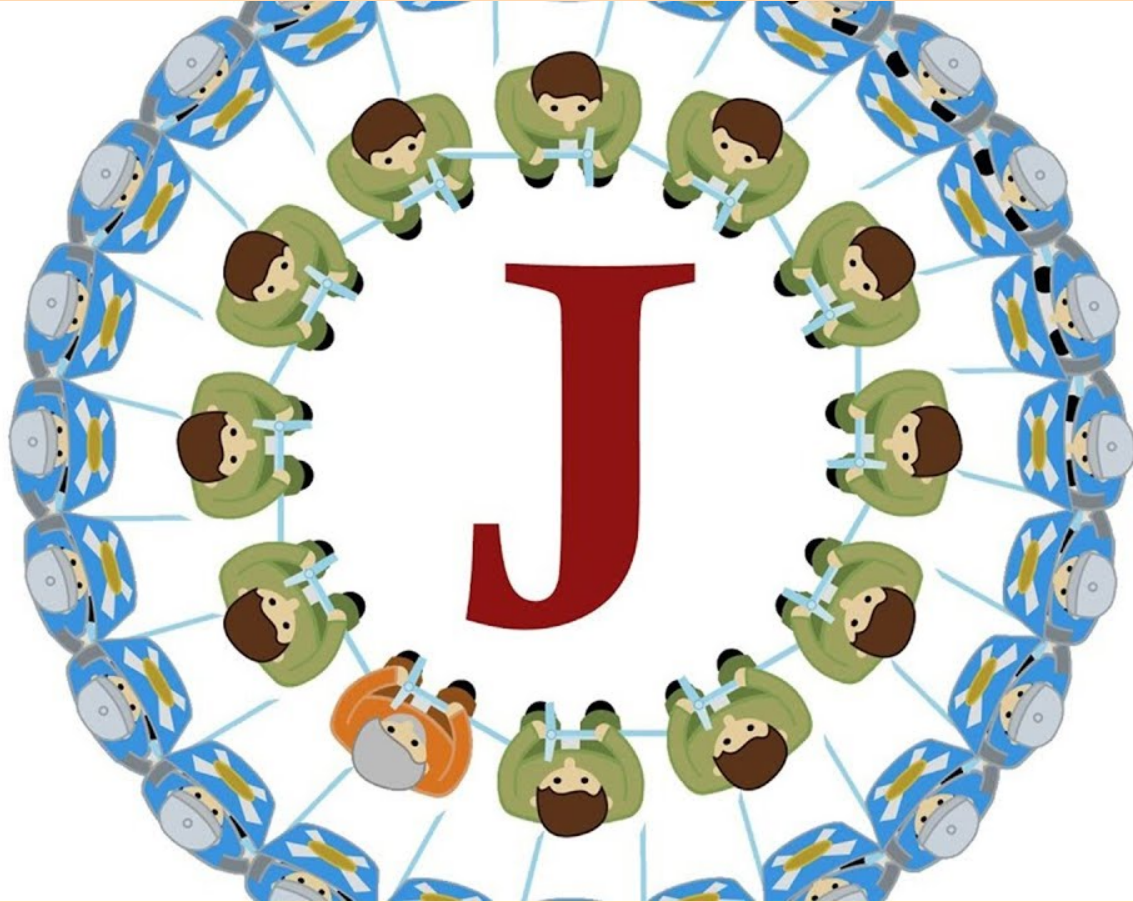


Circular (Singly) Linked List



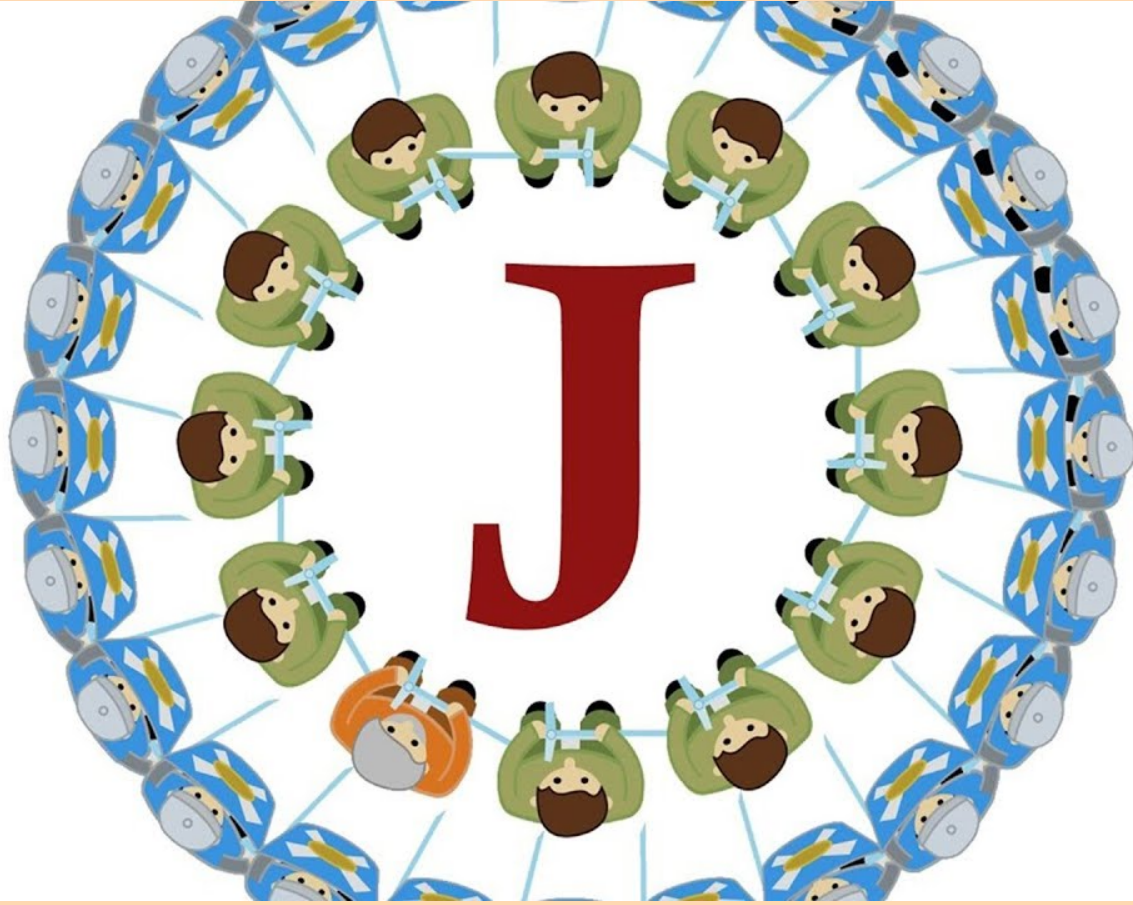
`josephus.c`

Numberphile



"I hate the Josephus Game!"

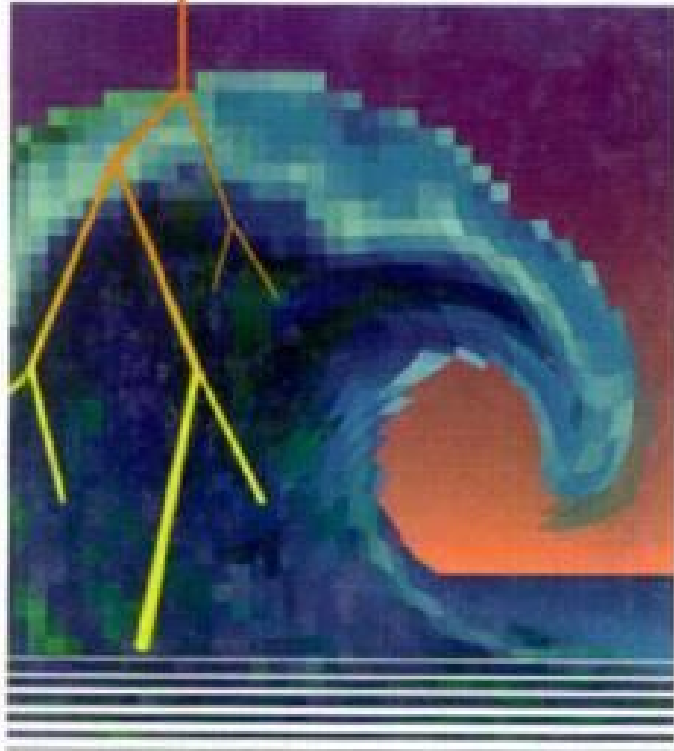
Numberphile



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

SECOND
EDITION

Data Structures and Algorithm Analysis in C



Mark Allen Weiss

Algorithms in C

Robert Sedgewick



