

## Problem 5: Blockchain

In this problem, a Linkedlist is used to store new block to the blockchain. It includes `print_blockchain` method which prints the full blockchain

Time Complexity:

`add_block()`:  $O(1)$  – Adding blocks to Linkedlist is constant time.

`print_blockchain()`:  $O(n)$  – traversing through  $n$  blocks.

Space Complexity:

$O(1)$  – Only a single variable is allocated