Blockchain

In that task I use LinkedList as a Data structure—as decribed in the rules of the task

The linked list was modified for block( every node contain block)

• 1st step- define class of Node and Linkedlist

• insert function – insert node to the llist🡪 time complexity of O(n) – it moves all of the block until get the last one

•2nd step- define class of block- the base of the block chain ,

• calc\_hash—as decribed in the task 🡪 time complexity of O(1)

•3rd step- define blockchain function, consist the head of the blockchain

• insert function- insert the detail of the block ( hash, previous hash,data, time) 🡪 O(1)