

COEN 11 - Practice IV

Solutions on Wednesday

Define a doubly-linked list, in which each node points to both the next and the previous nodes, and an extra tail pointer points to the last node. The info in the each node is an integer and two pointers, one to the previous and one to the next node.

- a. Define the node.
- b. Declare the variables required.
- c. Create a function to insert a node before (at the left) of the node indicated by the pointer received as argument.
- d. Create a function to delete a node indicated by a pointer received as argument.