

4) Merge sorted list

- Create a new linked list
- Compare the head nodes of both sorted values and append the smallest node to the new list moving the pointer of the half from which the node was taken

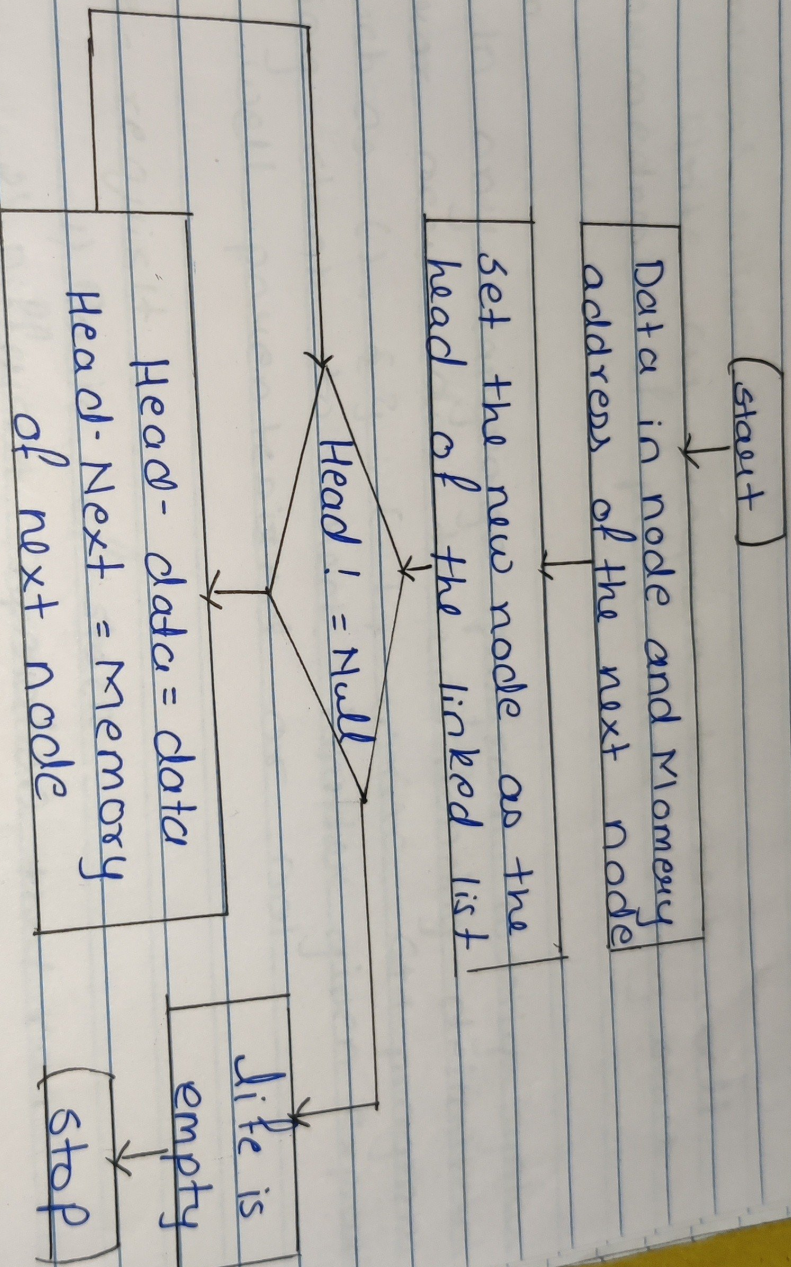
5) Return the merged list

This method efficiently sorts the appointment based on desired criteria while maintaining the linked list operation

* Algorithm

- step 1) start
- step 2) Define a node
- step 3) Create the linked list
- step 4) Adding node
- step 5) removing a node.
- step 6) Searching for a Node
- step 7) Traversing the list
- step 8) Reversing the list
- step 9) end

Flowchart



Conclusion

By this way, we can book or cancel appointment of using linked list.

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