Assignment Lec (15)

(1) Write a C function to insert a node after a certain node value in a doubly linked list, the function shall work well even if it is required to insert after the last node, if the required node value isn't found in the list, it shall print that the value isn't found.

(2) Write a C function to insert a node before a certain node value in a doubly linked list, the function shall work well even if it is required to insert before the first node, if the required node value isn't found in the list, it shall print that the value isn't found.

(3) Write a C function to delete a certain node value from a doubly linked list, the function shall work well even if the node to be deleted is at first or end or between or the only node in the list, if the required node value isn't found in the list, it shall print that the value isn't found.

(4) Write a C function to reverse a doubly linked list.

(5) Write a C function to display a circular linked list.

(6) Write a C function to insert a node in beginning of a circular linked list.

(7) Write a C function to insert a node in an empty circular linked list.

(8) Write a C function to insert a node at end of a circular linked list.

(9) Write a C function to create a circular linked list.

(10) Write a C function to insert a node after a certain node value in a circular linked list, if the required node value isn't found in the list, it shall print that the value isn't found.

(11) Write a C function to insert a node before a certain node value in a circular linked list, if the required node value isn't found in the list, it shall print that the value isn't found.

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