

Assignments -01

1. Implement a singly connected linear linked list in C. Your program should typically implement insert and delete at all possible locations with proper check(s) as applicable. Include a display function as well and use it to show the content of your list after every operation. Include calls to insert and delete from the main.
2. Implement a singly connected circular linked list in C. Your program should typically implement insert and delete at all possible locations with proper check(s) as applicable. Include a display function as well and use it to show the content of your list after every operation. Include calls to insert and delete from the main.
3. Implement a doubly connected linear linked list in C. Your program should typically implement insert and delete at all possible locations with proper check(s) as applicable. Include a display function as well and use it to show the content of your list after every operation. Include calls to insert and delete from the main.
4. Implement a doubly connected circular linked list in C. Your program should typically implement insert and delete at all possible locations with proper check(s) as applicable. Include a display function as well and use it to show the content of your list after every operation. Include calls to insert and delete from the main. (For Bonus)

Solutions

Code (1):

Outputs

Code (2):

Outputs:

Code (3):

Outputs:

Code (4):

Outputs: