🡪Easy 🡪Medium 🡪Hard

**Practical 6-7** (Topic: Header, Circular & 2-way Linked-list)

**Class-work:**

* Write a program to create menu-driven program to create and display header, circular and 2-way linked list.

**Home-work:**

1. WAP to split a circular one way linked list into two equal half.
2. WAP to create a one way header linked list in which header node contains "EVEN" or "ODD" depending upon the total no. of the nodes are even or odd in linked list.
3. Write a program to create 2-way linked-list and insert an element before an element specified by user.
4. Write a program to make first node as last node in 2-way linked list.
5. WAP to merge two sorted circular one way linked list into one sorted circular linked list.
6. WAP to create one way header linked list where each node contains name, CGPA and address to next node of student record in the linked list. Now display the highest.
7. Write a program to delete every alternative node in 2-way liked list.
8. Write a program to create header linked-list which contains the info about total no. of element in the list. Now delete all odd elements from the list and update & display no. of nodes in final list.
9. WAP to create a sorted one way linked list and write appropriate method which can delete an item given by user.
10. WAP to create a one way header linked list in which header node contains total number of nodes in linked list, Now split this list into two 1-way header linked list where first list contains only even no. of original list and second header linked list contains only odd no. of original list and Both the header nodes contains total no. of even and odd nodes respectively.