Dr. D. Y. Patil Pratishthan's
D. Y. Patil Institute of Master of Computer Applications & Management
(Approved by AICTE, Recognized by DTE, Mah.; Affiliated to SPPU)

DSA Part B: Mid Term Journal Submission

MCA – I (Sem – I)   Academic Year 2024-2025 (Term: Aug - Dec 2024)
Lab: Data Structure and Algorithm   CO Mapped=CO4 BT Level 3=Apply and 6=Create

SR NO	Programs	Date	Sign
1	Apply the DDL algorithm and Create doubly linked list and perform the following operations: insert from head, insert from tail , insert from specified position and display	7/10/24	
2	Apply the DDL algorithm and Create doubly linked list and perform the following operations: delete from head, delete from tail , delete from specified position and display	8/10/24	
3	Apply the Circular SLL algorithm and Create Circular Singly linked list and perform the following operations: insert from head, insert from tail , insert from specified position and display	9/10/24	
4	Apply the Circular SLL algorithm and Create Circular Singly linked list and perform the following operations: delete from head, insert from tail , delete from specified position and display	17/10/24	
5	Apply the Circular DLL algorithm and Create Circular Doubly linked list and perform the following operations: insert from head, insert from tail , insert from specified position and display	18/10/24	
6	Apply the Circular DLL algorithm and Create Circular Doubly linked list and perform the following operations: delete from head, insert from tail , delete from specified position and display	21/10/24	
7	Apply Stack Algorithm and create Stack using array and perform following operations: Push, POP, Peek	22/10/24	
8	Apply Stack Algorithm and create Stack using linked list and perform following operations: Push, POP, Peek	23/10/24	