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 A: Preliminary 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	Create Array and perform the following operations: a)Update array b)slice array element c)extend array d)append array e)remove element.	19/9/24	
2	Create an empty list, take size of list from user and append one-one element in empty list.	19/9/24	
3	Create a list and perform following operations: a)update b)count c)sort d)insert e)append f)extend g)pop	1/10/24	
4	Create function Employee details with user define data like empid, empname, empqualification, empdesignation, empsalary, emp_currentmonthrank. If current month rank is >4 than add incentive Rs.2500 in salary.	1/10/24	
5	Create class Pizza_order_management_system with the class attributes like ordered, Pizza_order, Pizza_type, Quantity, Address, Distance_Kilometer. If the customer distance kilometer is greater than 3.5 than Rs 45 will the extra charge will be added in bill.Print bill details in printBill()	1/10/24	
6	Create Singly linked list and perform the following operations: a)Insert from start b)Insert from end c)traverse	3/10/24	
7	Create Singly linked list and perform the following operations: a)Insert from specific position b)traverse	3/10/24	