Uka Tarsadia University
Asha M. Tarsadia Institute of Computer Science and Technology

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Sr. No.	Practical	Submission Date	Sign
01	Implementation of Array operations - Insert, Delete, Search, Update, and Display.		
02	Implementation of Array applications of Sparse Matrices.		
03	Implement a program for stack that performs following operations using array. (a) PUSH (b) POP (c) PEEP (d) CHANGE (e) DISPLAY		
04	Write a program to implement Queue using arrays that performs following operations. (a) INSERT (b) DELETE (c) DISPLAY		
05	Write a menu driven program to implement following operations on the singly linked list. (a) Insert a node at the front of the linked list (b) Insert a node at the end of the linked list (c) Insert a node such that linked list is in ascending order (d) Delete a First node of the linked list (e) Delete a node before specified position (f) Delete a node after specified position.		
06	Implementation of Binary Search Trees.		
07	Implementation of Sorting techniques. (a) Bubble Sort (b) Selection Sort (c) Merge Sort.		
08	Implementation of Searching techniques. (a) Sequential Search (b) Binary Search.		
09	Mini Project - Implementation using above Data Structure		