

SUBJECT: DATA STRUCTURE & ALGORITHMS	
CODE: 22MCA103	
1A	WRITE A C PROGRAM TO FIND THE MAX AND MIN ELEMENT IN AN ARRAY
1B	WRITE A C PROGRAM TO FIND THE PRIME NUMBER IN AN GIVEN ARRAY
2A	WRITE A C PROGRAM TO FIND THE SUM OF ODD AND EVEN NUMBERS IN AN ARRAY
2B	WRITE A C PROGRAM TO PERFORM MATRIX MULTIPLICATION
3A	WRITE A C PROGRAM TO FIND SUM OF DIAGONAL ELEMENTS IN THE GIVEN MATRIX
3B	WRITE A C PROGRAM TO IMPLEMENT STACK WITH ITS OPERATION
4A	WRITE A C PROGRAM TO CONVERT INFIX TO POSTFIX EXPRESSION
4B	WRITE A C PROGRAM TO SEARCH AN ELEMENT USING BINARY SEARCH IN AN ARRAY
5A	WRITE A C PROGRAM TO PERFORM POSTFIX EVALUATION
5B	WRITE A C PROGRAM TO IMPLEMENT QUEUE OPERATION
6	WRITE A C PROGRAM TO IMPLEMENT CIRCULAR QUEUE USING DYNAMIC MEMORY ALLOCATION
7	WRITE A C PROGRAM TO IMPLEMENT SINGLY LINKED LIST WITH FOLLOWING OPERATIONS A) INSERT FRONT B) DELETE FRONT C) DISPLAY ALL NODES