

University of Engineering & Management, Kolkata

*Department of Computer Application*

***Stream:*** ***MCA***

**Session: 2023-2025**

**Subject: PROGRAMMING LAB**

1. Write a program to store marks for n number of student in an array and print their marks.
2. Write a program which stores the marks of subject Mathematics and English of n number of students in an array and then prints their individual total marks.
3. Write a program to insert an element in an array in a particular position.
4. Write a program to delete an element from a particular position of an array.
5. Write a program to convert a decimal number taken as input from user to corresponding binary number and store the result in an array.
6. Write a program to input a binary number in an array and convert into corresponding decimal number.
7. Write a program to find the smallest and the largest elements in an array.
8. Write a program for deleting duplicate elements in an array.
9. Write a program to search a particular element in an array.
10. Write a program to sort n elements (ascending order).
11. Write a program to find second highest number from the array without using sorting.
12. Write a program to perform addition and subtraction between two matrices.
13. Write a program to transpose a matrix.
14. Write a program to add the elements of each row and each column of a matrix.
15. Write a program to perform multiplication of two matrices.
16. Write a program to check whether a matrix is identity matrix or not.
17. Write a program to check whether a matrix is sparse matrix or not