

Department of Computer Science and Engineering
School of Engineering and Technology, CURAJ
B.Tech. (CSE+ECE+BME) II Sem.

Lab Assignment 5
Programming Lab

1. WAP in C to find the address of all elements of any array.
2. WAP in C to find the smallest element of the array.
3. WAP in C to store N-2 (Where N is the size of element) elements in the array, now shift element right by one position.
4. WAP in C to insert an element in array at (i) the start of the array, (ii) the end , (iii) the specific position given by user.
5. WAP in C to delete an element from the array from (i) the start of the array, (ii) the end , (iii) the specific position given by user.
6. WAP in C to merge two arrays.
7. WAP in C to swap position of elements in array. [Read positions to be swapped from user.]
8. WAP in C to count the frequency of any given element in the array.
9. WAP in C to count the all even numbers in the array.
10. WAP in c to sort the array elements in ascending order.
11. WAP in c to find the median of array elements.
12. Write a C program to represent any polynomial equation using arrays. Also design the following operations:
 - a. Compare two polynomial equations on the given value of the x.
 - b. Add two polynomial equations and generate third polynomial equation.
13. WAP in c to find that two matrices are equal.
14. WAP in c to perform Matrix Multiplication of two matrices, the size of both matrices must be given by the user.
15. WAP in C to Transpose a given Matrix
16. WAP in C to display only the diagonal elements from the matrix.
17. WAP in C to check that given matrix is identity matrix.
18. WAP in C to interchange the given rows in matrix.
19. WAP in C to calculate row wise sum, column wise sum and sum of all elements of the matrix.
20. WAP in C to find the smallest element and its position from a given matrix.