

APPRENTICESHIP

SET 21 – C Programming Language

(Arrays and Matrices)

1. Write a program to sort an Array in ascending order using **Selection** sort algorithm.
2. Write a program to sort an Array in ascending order using **Insertion** Sort algorithm.
3. Write a program to sort an Array in ascending order using **Merge** sort algorithm.
4. Write a program to sort an Array in ascending order using **Quick** Sort algorithm.
5. Write a program to accept a Matrix from the user and print the elements along with their respective positions.
6. Write a program to initialize a Matrix individually and print the elements along with their respective positions.
7. Write a program to initialize a Matrix using flower braces and print the elements along with their respective positions.
8. Write a program to find sum of element of a Matrix.
9. Write a program to find the sum of the said row of a given matrix.
10. Write a program to find the sum of the said column of a given matrix.
