

## LAB-2

1. Write a C program to find maximum and minimum elements in array using recursion.
2. Write a C program to find GCD (HCF) of two numbers using recursion.
3. Write a C program to generate nth Fibonacci term using recursion.
4. Write a C program to check whether a number is palindrome or not using recursion.
5. Write a C program to find reverse of any number using recursion.
6. Write a C program to add two distances(feet-inch system) entered by user. To solve this program,make a structure. Pass two structure variable (containing distance in feet and inch) to add() function by reference and display the result in main function without returning it.
7. Write a program to pass a structure as the parameter of the function by value.
8. Write a program to pass a structure as the parameter of function by reference.
9. Write a program to create a structure student with data-members name,age and marks,use the function getdetail()to accept the values from the user and return the structure through function.
10. Wap to create a structure Employee which has three data-members emp.id,name, and doj where doj is an object of the structure Date(nested structure).