# Assignment 2 CO1 &CO2

1. Write and test a MASM program to add and subtract two 16 bit numbers.
2. Write and test a MASM program to convert Binary digit to Decimal and vice versa.
3. Write and test a program to print pairs of even numbers where the summation of the numbers in each pair is 100.
4. Write and test a MASM program to multiply two 32 bit numbers.
5. Write and test a MASM program to divide a 16 bit number by an 8 bit number.
6. Write and test a MASM program to Print Fibonacci series up to 10 terms.
7. Write and test a MASM program for substring deletion from a given string.
8. Write and test a MASM program to identify the GCD and LCM of three numbers.
9. Write and test a MASM program to Implement Linear search and Binary Search.
10. Write and test a MASM program to print prime numbers between 1 to 100.
11. Write and test a MASM program to perform Insertion and Selection sort.
12. Write and test a MASM program to rename a file.
13. Write and test a MASM program to print the system time and date.