### ALP LAB INTERNAL PROGRAMS

1.)Write an ALP in 8086 to add two 16-bit unsigned numbers.

2.)Write an ALP in 8086 to subtract two 16-bit unsigned numbers.

3.)Write an ALP in 8086 to multiply two 16-bit unsigned numbers.

4.)Write an ALP in 8086 to implement ASCII Adjust and decimal adjust instructions.

5.)Write an ALP to pack two digits into a Byte.

6.)Write an ALP to Count number of 1’s and number of 0’s present in the binary representation of a given number.

7.)Implement the string manipulation function using Copy a string

8.)Implement the string manipulation function using Lower to upper case

9.)Implement the string manipulation function using Reverse a string

10.)Implement the string manipulation function using Palindrome.

11.) Write an ALP to Count no of even and odd numbers from the given array of numbers.

12.) Write a program to check whether a given number is Positive or Negative number.

13.) Write an ALP to sort the given array of numbers.