**1.Write a program to move the content of memory location 0500H to register BX and also to CX . Add immediate byte 05H to the data residing in memory location whose address is computed using DS = 2000 and offset = 0600H. Store the result of the addition in 0700H. Assume that the data is located in the segment specified by data segment register DS which contain 2000H.**

**2.Write a program to move a string of data words from offset 2000H to offset 3000H. The length of string is 0FH.**

**3.Write aprogram to find out the largest number from given unordered array of 8 bit numbers the array starts at 0800H in segment DS with address 3000H. Store the result in 0900H offset.**

**4.Write a program for addition of series of 8 bit numbers .The series contains 100 numbers**

**5. Program to find out even and odd numbers from a given series of 16 bit hexadecimal numbers**

**6. WAP to find out the number of positive numbers and negative numbers from a series of signed numbers**

**7. WAP to arrange a given series of hex bytes in ascending order**

**8. WAP to perform a one byte BCD addition**

**9.WAP to decide whether parity is even or odd if parity is even set DL to 00 else set DL to 01.The given number - DD 335A379B4**

**10.Write an ALP to reverse the given string of numbers**

**11.Write an ALP to find the factorial of a given number**

**12.Write an ALP to convert binary number to gray code**

**13.Write an ALP to convert gray code to binary number**

**14. Write an ALP to convert Excess 3 code to binary number**

**15. ALP to convert to convert binary number to Excess 3 code**