

S.No .	List of Practicals	Date	Teacher's Signature
1.	Write a program to add and subtract two 16 bit-numbers with /without carry using 8085/8086.	9/01/20	
2.	Write a program to multiply two 8-bit numbers by repetitive addition method using 8085/8086	16/01/20	
3.	Write a program to generate Fibonacci series using 8085/8086	23/01/20	
4.	Write a program to generate factorial of a number using 8085/8086	30/01/20	
5.	To find out the number of even and odd numbers from a given series of 16-bit hexadecimal numbers	06/02/20	
6.	To compute the average of 5 data words and store the result at a memory location	13/02/20	
7	Write a program to arrange numbers in ascending order	20/02/20	
8	To find the square root of a number. Assume that the number is a perfect square	27/02/20	
9	a) Configure 8255 to make port A & Port C _{upper} as O/P port & port B & Port C _{lower} as I/P Port in mode 0. Read Port B & Display port A, Read Port C _{lower} & display port C _{upper} b) Use 8255 in BSR set/Reset mode (BSR) Mode. Use PC ₃ for this purpose	12/03/20	
10	Write a program to generate square wave using 8254	09/04/20	
11	Write a program to find the largest number assuming that number starts from the memory location 30H.	16/04/20	
12	Write a program to generate a square wave of 10kHz using Timer1 in mode1	23/04/20	

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