FINAL LIST OF EXP

ARTHEMATIC OPERATIONS

1. write an assembly language program(ALP) to find Addition of 2-16 bit numbers using 8086 trainer kit?
2. write an assembly language program(ALP) to find subtraction of 2-16 bit numbers using 8086 trainer kit?
3. write an assembly language program(ALP) to find multiplication of 2-16 bit numbers using 8086 trainer kit?
4. write an assembly language program(ALP) to find division of 2-16 bit numbers using 8086 trainer kit?
5. write an assembly language program(ALP) to find Addition of 2-8 bit numbers using 8086 trainer kit?
6. write an assembly language program(ALP) to find subtraction of 2-8 bit numbers using 8086 trainer kit?
7. write an assembly language program(ALP) to find multiplication of 2-8 bit numbers using 8086 trainer kit?
8. write an assembly language program(ALP) to find division of 2-8 bit numbers using 8086 trainer kit?

ADDRESSING MODES

9. write an assembly language program(ALP) to perform immediate addressing mode
10. write an assembly language program(ALP) to perform Direct addressing mode
11. write an assembly language program(ALP) to perform Register addressing mode
12. write an assembly language program(ALP) to perform indirect addressing mode
13. write an assembly language program(ALP) to perform based-indexed addressing mode

BRANCH INSTRUCTION

14. write an assembly language program(ALP) to find largest byte from given 2-Bytes

SORTING

15. write an assembly language program(ALP) to arrange given numbers in ascending order
16. write an assembly language program(ALP) to arrange given numbers in descending order

SEARCHING

17. write an assembly language program(ALP) to search element from given list of elements

18. write an assembly language program(ALP) to perform Code conversion from hexadecimal to decimal

19. write an assembly language program(ALP) to perform Sum of set of BCD numbers

INTERFACING

20. Write An Alp To Demonstrate Stepper Motor Interface
21. Write An ALP To Demonstrate Traffic Light Controller Interface
22. Write An Alp To Demonstrate 7- Segment Display Interface

EXTRA PROGRAMS

23. Write An Alp Program To Find The Factorial Of Given Number

24. Write An Alp Program To Find The Largest Number From Given 2 Numbers

25. Write An Alp Program To Find The Smallest Number From Given 2 Numbers