

Lab/Experiment No. 2

Aim: WRITE A PROGRAM USING 8085 & VERIFY FOR:

1. ADDITION OF TWO 8-BIT NUMBERS, SUM 8-BITS.
2. ADDITION OF TWO 8-BIT NUMBERS, SUM 16 BITS.
3. ADDITION OF TWO 16-BIT NUMBERS. (WITH CARRY)
4. SUBTRACTION OF TWO 8-BIT NUMBERS. (DISPLAY OF BARROW)
5. SUBTRACTION OF TWO 16-BIT NUMBERS. (DISPLAY OF BARROW)
6. ADDITION OF TWO 8-BIT NUMBERS, SUM 8-BITS.
7. 8-BIT DECIMAL SUBTRACTION
8. DECIMAL ADDITION OF TWO 8-BIT NUMBERS, SUM: 16 BITS

Please write the ALP for the above problems and bring it to the lab session.