**Arithmetic Operations (In Assembly Language) Exercises**

1. Add the bytes in RAM locations 34h and 35h; put the result in registers R5 (LSB) and R6 (MSB).
2. Add the number 84h to the contents of RAM locations 17h (LSB) and 18h (MSB).
3. Add the byte in external RAM location 02CDh to internal RAM location 19h; put the result into external RAM locations 00C0h (LSB) and 00C1h (MSB).
4. Write a program to add 897F9AH to 34BC48H and save the result in RAM memory locations starting at 40H.
5. Increment the contents of RAM locations 13h, 14h, and 15h using indirect addressing only.
6. Increment TL1 by 10h.
7. Square the data read from port 0 pins and store the result in scratch pad area beginning from 40h MSB.
8. Assuming the data 255 (decimal) is present in register R0, separate the digits of this number and store the ascii character equivalents in scratch pad area beginning from 30h, Most significant digit first.