

Assignment – 5

- (1) A string of readings is stored in memory, locations starting at 2070H, and the end of the string is indicated by the byte 0DH. Write a program to check each byte in the string, and the save the bytes in the range of 30H to 39H (both inclusive) in memory locations starting from 2090H.
- (2) A set of ten bytes is stored in memory starting with the address 2050H. Write a program to check each byte , and save the bytes that are higher than 60_{10} and lower than 100_{10} in memory locations starting from 2060H.
- (3) Data bytes are stored in memory locations from 2050H to 205FH. To insert an additional five bytes of data, It is necessary to shift the data string by five memory locations. Write a program to store the data string from 2055H to 2064H. Use any sixteen bytes of data to verify your program.
- (4) Write a Program to Sort the array in ascending order/descending order.
- (5) Write a Program to find Largest number / Smallest number in a given data array.
- (6) Write a Program to move a block starting at location 2000H To location 3000H With overlap/without overlap.