Instrumentation II

- Initial report of each module is essential while attending the lab.
- It should contain the programs (mnemonics with op-codes) and circuit diagrams (if applicable) of all given problems.
- Each lab should be completed within specified lab session and the report must be submitted in the next lab.

Lab 1

Review of Assembly Language Programming

1. A table consists of ten 8-bit data starting at 8050H. Write an 8085 program to store the sum of odd numbers at 8060H and store sum of even numbers at 8070H. Also display the sum at output ports.

2. Write a program to calculate the sum of following sequence 1×2+2×3+3×4+4×5+ …… up to n terms, where n is an 8-bit number stored at memory location 9000H. Display the 16-bit result in output ports. Use subroutine for multiplication.