

Lab/Experiment No. 4

Aim: WRITE A PROGRAM USING 8085 & VERIFY FOR:

1. 1'S COMPLEMENT OF 8-BIT NUMBER.
2. 1'S COMPLEMENT OF 16-BIT NUMBER.
3. 2'S COMPLEMENT OF 8-BIT NUMBER.
4. 2'S COMPLEMENT OF 16-BIT NUMBER.
5. MASK THE LOWER NIBBLE OF AN 8-BIT NUMBER.
6. MASK THE UPPER NIBBLE OF AN 8-BIT NUMBER.

Please write the ALP and memory table to solve the above problems and bring them to the lab session.