Microprocessor and Microcontroller Laboratory – 19EE412

NAME OF LEARNER: DHRUV D MEHTA **SLOT:4X1-48**
REGISTER NO : **212223050012**

LIST OF EXPERIMENTS

S.NO	DATE	NAME OF THE EXPERIMENT	QR CODE	MARKS	SIGNATURE
1	08/08/2025	Writing and executing an 8085 program for 8-bit arithmetic operations. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP1/EXP%201%20MPMC.pdf			
2	22/08/2025	Writing and executing an 8085 program for finding the largest and smallest numbers in a data set. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP2/EXP%202%20MPMC.pdf			
3	03/09/2025	Writing and executing an 8085 program for sorting a set of numbers in ascending order. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP3/EXP%203%20MPMC.pdf			
4	12/09/2025	Writing and executing an 8085 program for checking whether a given 8-bit number is odd or even. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP4/EXP4%20MPMC.pdf			

5	19/09/2025	Writing and executing an 8085 program for code conversion. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP5/EXP%205%20MPMC.pdf			

6	26/09/2025	Writing and executing an 8051 program for 8-bit arithmetic operations. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP%206%20MPMC.pdf			
7	10/10/2025	Interfacing LEDs with the 8051 microcontroller. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP%207%20MPMC.pdf			
8	17/10/2025	Generating a square wave using the 8051 microcontroller. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP8%20MPMC.pdf			
9	24/10/2025	Interfacing a seven-segment display with the 8051 microcontroller. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP%209%20MPMC.pdf			
10	14/11/2025	Controlling the direction of a DC motor using the 8051 microcontroller. https://github.com/DHRUV-D-MEHTA/Microprocessor-and-Microcontroller-19EE412-4X1-48/blob/main/EXP%2010%20MPMC.pdf			

I confirm that the experiments and GitHub links provided are entirely my own work

Date :   **Learner Signature:**