Table of Contents

|  |  |  |
| --- | --- | --- |
| **Experiment no.** | **Experiment name** | **Remarks** |
|  | Introduction to Assembly Language Programming and Kit Mode of MDA 8086 Trainer Board |  |
|  | Arithmetic operations (addition, subtraction, division, and multiplication) using memory location |  |
|  | Logical operation and Loop using Assembly Language Programming |  |
|  | Experimental Study of Stack Operation and Introduction to Procedures |  |
|  | Experimental study of String operation using assembly language |  |
|  | Familiarization with serial monitor mode of MDA 8086 trainer kit |  |
|  | 8255 PPI interfacing: 7 - segment display |  |
|  | 8255 PPI interfacing: Dot matrix |  |
|  | 8255 PPI interfacing: LED |  |
| 10. | LED ON/OFF using 8253, 8255 & 8259 |  |