Microprocessor LAB

This is a third-year students' laboratory, it represents the practical side of the theoretical study of Microprocessors, which is given during two semesters. In the first semester, students work on 8086 programs while in the second one, they work on 8086 MDA Kit.

LABORATORY OBJECTIVES.

1. Provide knowledge on the 8086 processor and how to program it using assembly language by training them on various programs and programming instructions of 8086.

2. Implementing various applications using assembly language using the 8086 MDA kit, such as
   a. LED and 7 Segment.
   b. DIA Converter.
   c. LED Matrix.
   d. Stepper Motor.