MAWLANA BHASHANI SCIENCE AND TECHNOLOGY UNIVERSITY

SANTOSH, TANGAIL-1902

DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

Course Title: Microprocessor and Embedded System Lab

Course Code: ICT-2204

Experiment Name: Installation of EMU8086 Microprocessor Emulator

Lab Report No: 01

Submitted By	Submitted To
Name: Kuldip Saha Mugdha	Dr. Md. Abir Hossain
ID: IT-22018	Associate Professor
2nd Year, 2nd Semester	DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY
Session: 2021-2022	
Dept. of ICT, MBSTU	MAWLANA BHASHANI SCIENCE AND TECHNOLOGY UNIVERSITY

Date of Performance: 13/11/2024   Date of Submission: 20/11/24

Experiment no: 01

Experiment name: Installation of EMU8086 Microprocessor Emulator

Introduction: EMU8086 is a comprehensive microprocessor emulator that enables users to write, compile, and debug assembly code for the 8086 microprocessors. It is commonly used in academic settings for teaching assembly language programming concepts and microprocessor architecture.
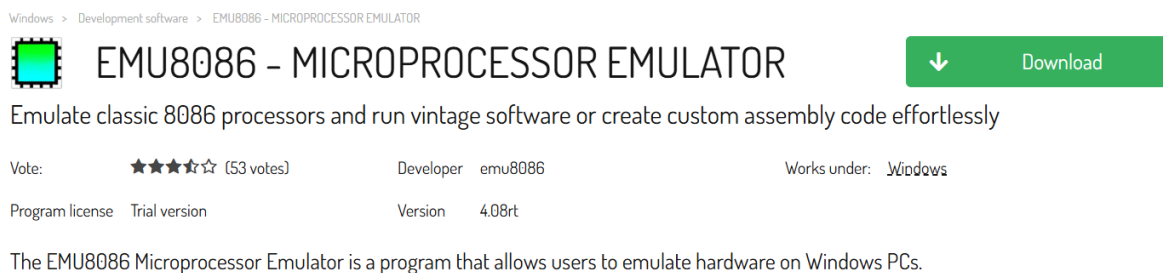
Objectives: To successfully download, install, and set up EMU8086, a microprocessor emulator used for learning and simulating Assembly language programming.

Required Instruments:

1. A computer with Windows operating system.
2. Internet connection.
3. EMU8086 installation package (can be downloaded from the official website or trusted sources).

Procedure:

Step 1: Download EMU8086: Open a web browser and navigate to the official EMU8086 website or another trusted source. Locate the latest version of EMU8086 and download the setup file. Click on Download button.

Click on Download for PC button.

Download EMU8086 - MICROPROCESSOR EMULATOR for PC

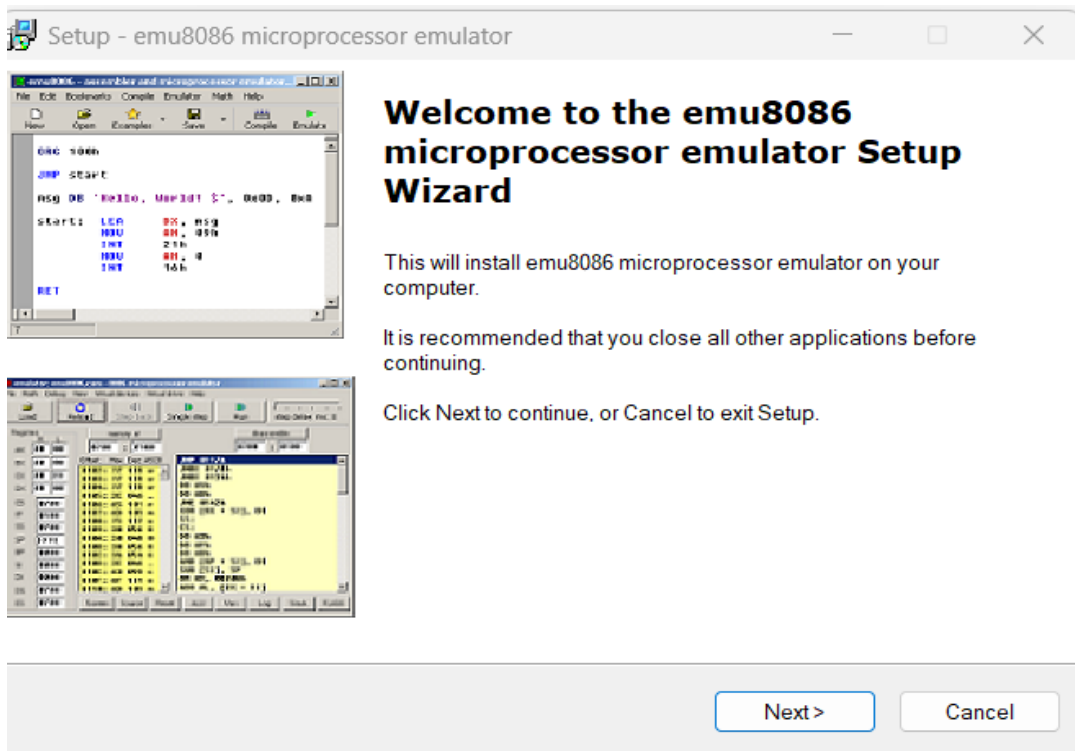Trial version In English V 4.08rt

★ 3.8 (388 ⚇) ✅ Security Status

EMU8086 - MICROPROCESSOR EMULATOR free download. **Always available from the Softonic servers**

✔ Free & fast download
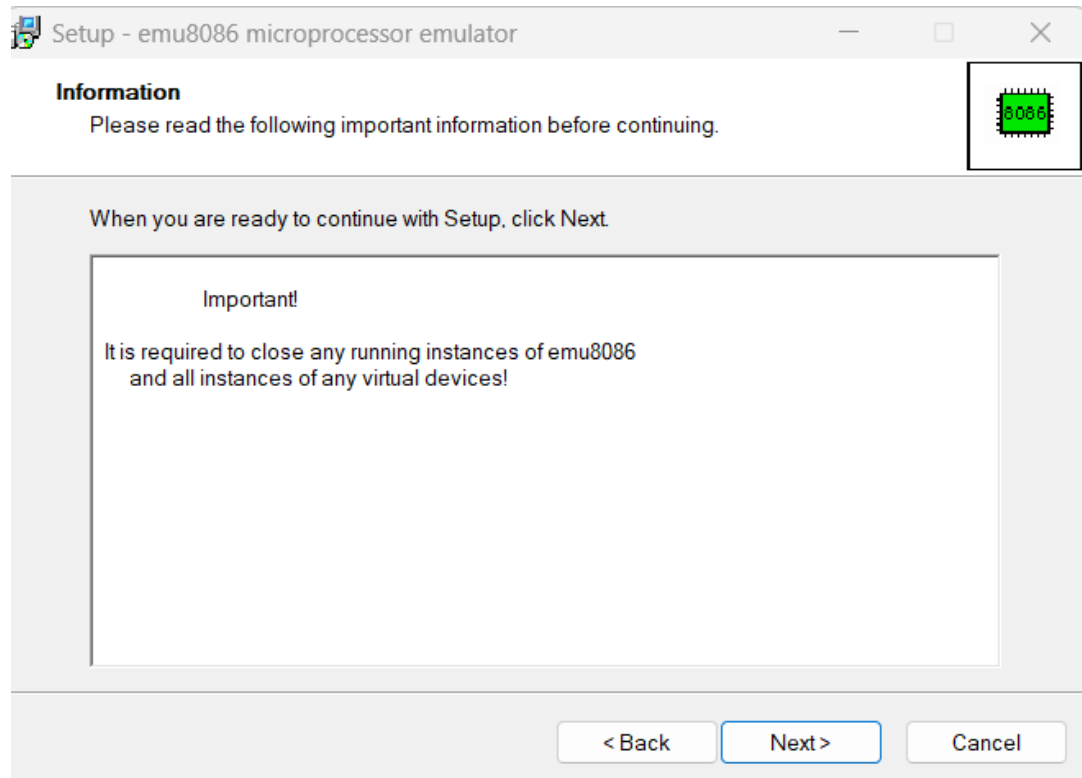✔ Always available
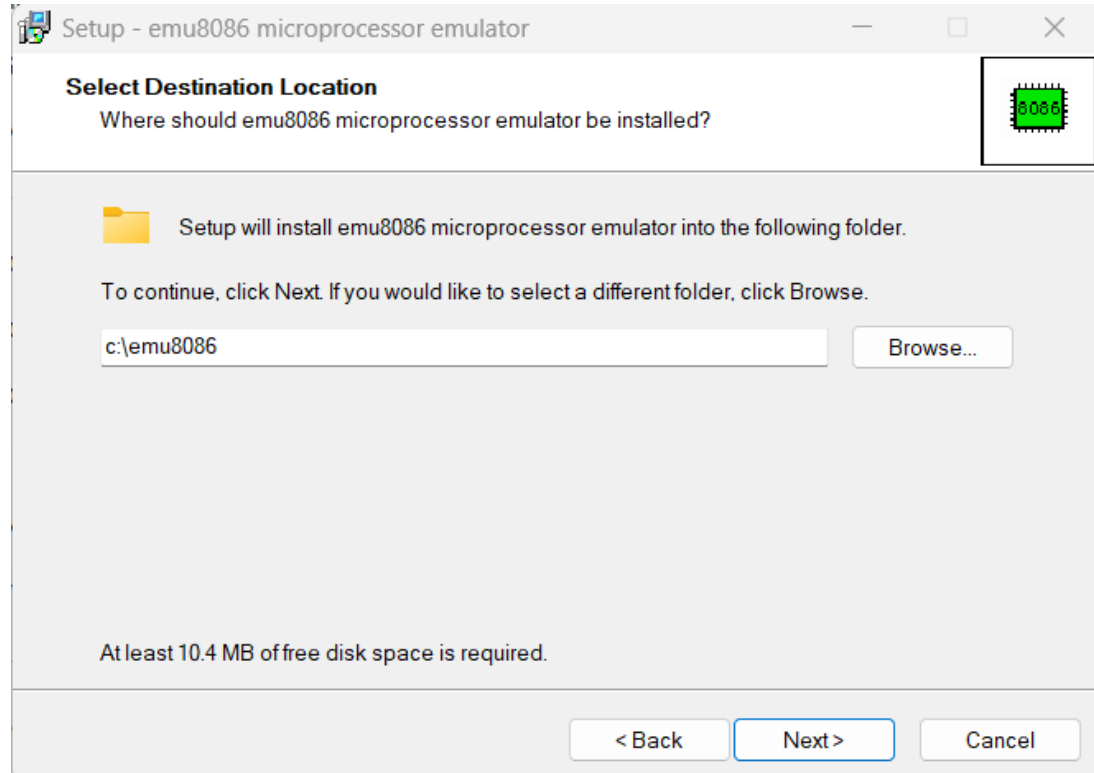✔ Tested virus-free

Download for PC

Step 2: Begin Installation: Double-click the downloaded setup file to launch the installation wizard. Then click on next.
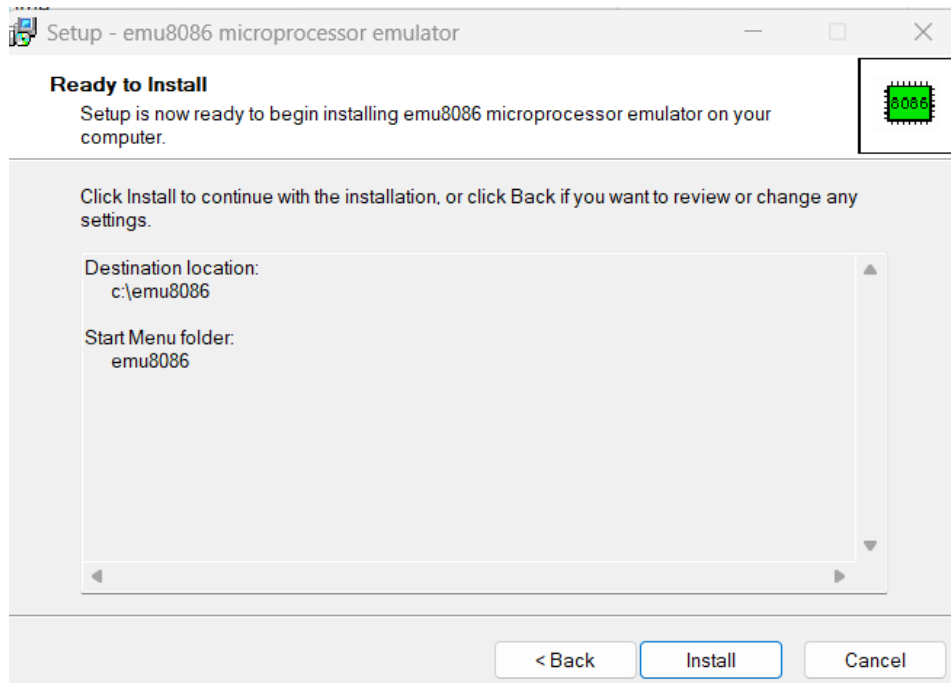

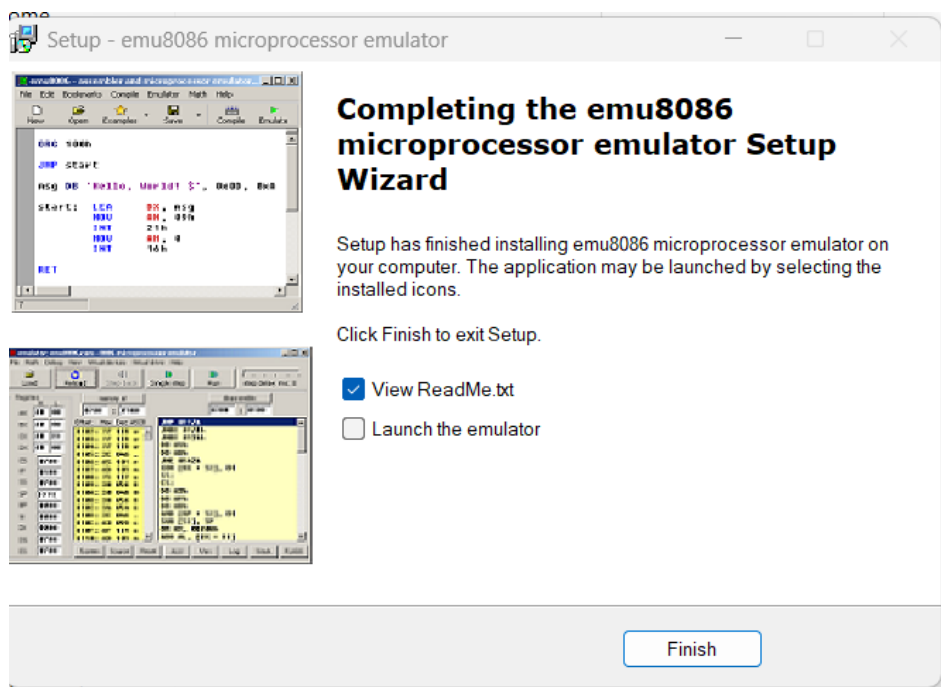**Step 3:** Then I read the information and click on next.

Step 4: Click on next.

Step 5: Then emu8086 microprocessor emulator is ready to installation. Click on install.

Step 6: Click on Finish for completing the emu8086 microprocessor emulator setup wizard.

The installation of emu8086 microprocessor emulator is complete.

Conclusion: The installation of EMU8086 microprocessor emulator was successful, and the software is ready for use in assembly language programming and microprocessor emulation tasks.