Mindluster Platform

About the course Microprocessor Operations Techniques

Microprocessor Operations course in hindi, in this course ,we will learn about the fundamental aspects of Microprocessor Operations and their practical applications.

Computer Science Category's Courses

Course Lesson(37)

Lesson 1 : **Microprocessors and Interfacing Introduction Video**

Lesson 2 : **Lec 1 Microprocessor Operations**

Lesson 3 : **Lec 2 8086 Flags**

Lesson 4 : **Lec 3 Functional Diagram of 8086**

Lesson 5 : **Lec 4 8086 Common and Minimum Mode Signals**

Lesson 6 : **Lec 5 8086 Maximum Mode Signals**

Lesson 7 : **Lec 6 8086 Data Transfer Instructions**

Lesson 8 : **Lec 7 8086 Arithmetic Instructions I**

Lesson 9 : **Lec 8 8086 Arithmetic Instructions II**

Lesson 10 : **Lec 9 8086 Logical Instructions**

Lesson 11 : **Lec 10 8086 Branch String Instructions**

Lesson 12 : **Lec 11 8086 Interrupt and Machine Control Instructions**

Lesson 13 : **Lec 12 Sum of Products Multi byte addition**

Lesson 14 : **Lec 13 Largest number 2 s complement Programs**

Lesson 15 : **Lec 14 Programs on Subroutines**

Lesson 16 : **Lec 15 ROM RAM**

Lesson 17 : **Lec 16 Example I**

Lesson 18 : **Lec 17 Example II**

Lesson 19 : **Lec 18 Architecture Interfacing to Simple I O**

Lesson 20 : **Lec 19 Keyboard Interface**

Lesson 21 : **Lec 20 7 segment Display Interface**

Lesson 22 : **Lec 21 Multiplexed 7 sgment Display Interface**

Lesson 23 : **Lec 22 Stepper motor Liquid level control**

Lesson 24 : **Lec 23 Traffic light control A D converter**

Lesson 25 : **Lec 24 D A converter**

Lesson 26 : **Lec 25 Electronic weighing machine**

Lesson 27 : **Lec 26 Programable Interval Timer 8254**

Lesson 28 : **Lec 27 Modes of 8254**

Lesson 29 : **Lec 28 Architecture of 8259**

Lesson 30 : **Lec 29 Initialization command words of 8259**

Lesson 31 : **Lec 30 Operational command words of 8259**

Lesson 32 : **Lect 31 8237 Architecture interfacing and Programming**

Lesson 33 : **Lec 32 Basic Concepts of serial I O**

Lesson 34 : **Lec 33 Basic Concepts of serial I O contd**

Lesson 35 : **Lec 34 Architecture of 8251**

Lesson 36 : **Lec 35 Contol and Status Word Formats of 8251**

Lesson 37 : **Lec 36 8251 Interfacing Example**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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