Mindluster Platform

About the course Microprocessor 8085 Applications

Microprocessor 8085 course in hindi, In this course explore the fundamentals and applications of the Intel 8085 microprocessor, a pioneer in embedded systems and computing.

Computer Science Category's Courses

Course Lesson(74)

Lesson 1 : **History of Microprocessor by INTEL**

Lesson 2 : **What is Computer**

Lesson 3 : **Difference between Microprocessor and Microcontroller**

Lesson 4 : **How Program is loaded in Memory of Processor**

Lesson 5 : **How Program is Executed in Processor**

Lesson 6 : **How to Count Memory**

Lesson 7 : **Buses in 8085 Bus structure in 8085**

Lesson 8 : **Architecture of 8085**

Lesson 9 : **Pin Diagram of 8085**

Lesson 10 : **Flag Register of 8085**

Lesson 11 : **Programming Modal of 8085**

Lesson 12 : **Generation of Control Signals in 8085**

Lesson 13 : **Address Data Demultiplexing in 8085**

Lesson 14 : **Machine Language Assembly Language and Higher Level Language**

Lesson 15 : **Operation Types of Microprocessor 8085**

Lesson 16 : **Memory Mapped IO and IO Mapped IO in 8085**

Lesson 17 : **Machine Cycles in Microprocessor 8085**

Lesson 18 : **One Byte Two Byte and Three Byte Instructions in Microprocessor 8085**

Lesson 19 : **Opcode Fetch Timing Diagram in 8085 Timing Diagram of MOV Instruction**

Lesson 20 : **Memory Read and Memory Write Machine Cycle**

Lesson 21 : **Timing Diagram of MVI Instruction in Microprocessor 8085**

Lesson 22 : **Timing Diagram of OUT Instruction in Microprocessor 8085**

Lesson 23 : **Timing Diagram of IN Instruction in Microprocessor 8085**

Lesson 24 : **Timing Diagram of STA Instruction in Microprocessor 8085**

Lesson 25 : **Timing Diagram of LDA Instruction in Microprocessor 8085**

Lesson 26 : **Stack in Microprocessor 8085**

Lesson 27 : **Subroutine in Microprocessor 8085**

Lesson 28 : **Passing Parameters to the Subroutine through Stack in 8085 Microprocessor**

Lesson 29 : **Interrupt Service Routine in Microprocessor 8085**

Lesson 30 : **Software Interrupt and Hardware Interrupt in Microprocessor 8085**

Lesson 31 : **Hardware Interrupt in Microprocessor 8085**

Lesson 32 : **Interrupt Structure in Microprocessor 8085**

Lesson 33 : **SIM and RIM Instructions in Microprocessor 8085**

Lesson 34 : **Square Wave using SIM Instruction in Microprocessor 8085**

Lesson 35 : **Serial Communication by SIM Instruction in Microprocessor 8085**

Lesson 36 : **Addressing Modes in Microprocessor 8085**

Lesson 37 : **Data Transfer Instructions in Microprocessor 8085**

Lesson 38 : **Arithmetic Instructions in Microprocessor 8085**

Lesson 39 : **Logical Instructions in Microprocessor 8085**

Lesson 40 : **Branch Control Instructions in Microprocessor 8085**

Lesson 41 : **Comparison of JMP and CALL Instructions in 8085**

Lesson 42 : **DAA Instruction in 8085**

Lesson 43 : **Delay Programming for Microprocessor 8085**

Lesson 44 : **Generation of Delay in Microprocessor 8085**

Lesson 45 : **Counter Designing in Microprocessor 8085**

Lesson 46 : **Square Wave generation in Microprocessor 8085**

Lesson 47 : **Introduction to Programming Simulator of Microprocessor 8085**

Lesson 48 : **8 bits and 16 bits Addition program in Microprocessor 8085**

Lesson 49 : **Multiplication program in Microprocessor 8085 Multiplication**

Lesson 50 : **Division program in Microprocessor 8085 Division**

Lesson 51 :
Logical Operation AND NAND OR NOR XOR XNOR program in Microprocessor 8085 LogicalOperation

Lesson 52 : **Maximum from Array program in Microprocessor 8085**

Lesson 53 : **Store Array in Reverse order program in Microprocessor 8085**

Lesson 54 : **Store Array in Ascending order program in Microprocessor 8085**

Lesson 55 : **Addition of Array program in Microprocessor 8085**

Lesson 56 :
Find total positive negative and Zeros numbers from array program in Microprocessor 8085

Lesson 57 : **Fibonacci Series program in Microprocessor 8085**

Lesson 58 : **Pack and Unpack program in Microprocessor 8085**

Lesson 59 : **DAA instruction program in Microprocessor 8085**

Lesson 60 : **1 Examples of Microprocessor Assembly Language Programming**

Lesson 61 : **2 Examples of Microprocessor Assembly Language Programming**

Lesson 62 : **3 Examples of Microprocessor Assembly Language Programming**

Lesson 63 :
4 Examples of Microprocessor Assembly Language Programming with branch Control Instructions

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Lesson 67 : **8 Examples on Interrupt of Microprocessor 8085**

Lesson 68 : **8259 Programmable Interrupt Controller**

Lesson 69 : **8255 Programmable Peripheral Interface**

Lesson 70 : **Control Word and Modes of 8255**

Lesson 71 : **Programming of 8255**

Lesson 72 : **8253 54 Programmable Interval Timer**

Lesson 73 : **8257 Direct Memory Access**

Lesson 74 : **8085 Question Bank**

Related courses

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