

# Download Free 8085 Microcontroller Lab Manual

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~~Getting to know 8085 MP Kit and 8 bit addition program!~~ **How to use 8085**

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**microprocessor kit?** *Microprocessor 8085  
Experiment (Addition)*

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Microprocessor Lab #1: Intel 8085 Programming  
~~LabIntroduction to Microprocessors | Bharat  
Acharya Education~~ Execution of program  
(subtraction)on 8085 mp kit(1) 8085 |

**Programming Part 1 | Bharat Acharya Education  
8051 | Instruction Set | Data Transfer group  
| Bharat Acharya Education EEVblog #1270 -  
Electronics Textbook Shootout** An Introduction  
to Microcontrollers First Lab on 8085

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How a CPU is made

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? - See How Computers Add Numbers In One  
Lesson Why Do Computers Use 1s and 0s? Binary

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and Transistors Explained. Coding  
Communication \u0026amp; CPU Microarchitectures  
as Fast As Possible *How computer memory works*  
- *Kanawat Senanan ?* - See How a CPU Works  
ANNA UNIVERSITY MECHATRONICS LAB: 8085  
Microprocessor Addition Program 8085  
microprocessor kit experiments (AVIONICS  
LAB)using type 1 using mnemonics 8 Bit and 16  
Bit Add , Sub , Multiply and Division using  
8085 Microcontroller ~~How to use 8085~~  
~~microprocessor in Android and instructions~~  
8086 | Palindrome Program | Bharat Acharya  
Education #326 ~~Micro Master MM 8000 Intel~~  
~~8085 Microprocessor Trainer Interfacing 8051~~

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~~with ADC , DAC and Stepper Motor~~

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Microprocessor 8085 Practical (Execute program) *Microcontroller Lab Exp2.3 - Multiplication | 18ECL47 | VTU Syllabus | SECAB. I. E. T WS-8085 Microprocessor Dev Kit - Experiment 5.1.1-ADDITION OF TWO 8 BIT NUMBERS V1.2-WIZAARD Lecture 1 EE 309 Microprocessor and Embedded Systems COA | Introduction to Computer Organisation \u0026 Architecture | Bharat Acharya Education 8085 Microcontroller Lab Manual*

(PDF) MICROPROCESSOR & MICROCONTROLLER LAB MANUAL 8085 MICROPROCESSOR PROGRAMS |

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B.E (TCE) (For Private Circulation Only)

*8085 MICROPROCESSOR LAB MANUAL*

MICROPROCESSOR & MICROCONTROLLER LAB MANUAL  
C.SARAVANAKUMAR. M.E., LECTURER, DEPARTMENT  
OF ELECTRONICS & COMMUNICATION ENGINEERING 11  
SMALLEST NUMBER IN AN ARRAY OF DATA AIM: To  
find the smallest number in an array of data

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using 8085 instruction set. ALGORITHM: 1)  
Load the address of the first element of the  
array in HL pair

## *8085 MICROPROCESSOR PROGRAMS*

SYLLABUS FOR MICROPROCESSOR LAB 1. Write a  
program using 8085 Microprocessor for  
Decimal, Hexadecimal addition and subtraction  
of two Numbers. 2.

## *MICROPROCESSOR LAB MANUAL EEC-553*

The 8085 microprocessor includes six  
registers, one accumulator, and one flag  
register, as shown in Fig 1. In addition, it

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has two 16-bit registers: the stack pointer and the program counter. The 8085 has six general-purpose registers to store 8-bit data; these are identified as B, C, D, E, H, and L as shown in Fig 1.

*MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY*

8085 provides 8/32K bytes of RAM using 6264/62256 chip and 8K bytes of EPROM for monitor. There is one memory space provided on 8085. This one space can be defined any address slots from 8000 - DFFF depending upon the size of the memory chip to be used. Total



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on board memory can be extended to 64k bytes.

*Experiment No:- 1*

EngineeriLAB MANUAL KCT COLLEGE OF ENGG &  
TECH, FATEHGARH Punjab Technical University  
SUBJECT: DATA STRUCTURE LAB(DS PM) [BTCS30I  
Semester [201ranch: CSE) Engineer. INDEX  
S.NO. TITLE 1 Introduction to 8085 kit. 2  
Addition of two 8 bit numbers, sum 8 bit. 3  
Subtraction of two 8 bit numbers. 4 Find 1  
?s complement of 8 bit number. 5 Find 2 ?s  
complement of 8 bit number. 6 Shift an 8 bit  
no. by ...

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*Department of Computer Science & Engineering  
LAB MANUAL f ...*

Microprocessor & Interfacing Lab. 1. Write a Program Using 8085 & Verify for : a. Addition of Two 8-Bit Numbers. b. Addition of Two 16-Bit Numbers. (With Carry) 2. Write a Program Using 8085 & Verify for : a. Subtraction of Two 8-Bit Numbers. (Display Of Borrow) b. Subtraction of Two 16-Bit Numbers. (Display Of Borrow) 3. Write a Program Using 8085 & Test for Typical Data: a. Multiplication of ...

*Microprocessor & Interfacing Lab - Virtual*

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## *Labs*

Sim8085 is a online development environment for writing Intel 8085 microprocessor code. It can assemble, debug 8085 assembly code and simulate the 8085 microprocessor. The simulator has two parts, an assembler (built using PEGjs) which translates 8085 assembly code to machine code and a 8085 microprocessor simulator (written in C and compiled to JS using Emscripten) which executes machine code ...

*Sim8085 - A 8085 microprocessor simulator*  
Microprocessor and Microcontrollers

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Laboratory Student Manual For III ECE- II SEM  
DEPARTMENT OF ELECTRONICS & COMMUNICATOIN  
ENGINEERING 2015-2016 INCHARGE HOD (M.Laxmi)  
(Dr. P. Srihari) Microprocessors and  
Microcontrollers lab Dept of ECE GCET 2 | P a  
g e GEETHANJALI COLLEGE OF ENGINEERING AND  
TECHNOLOGY DEPARTMENT OF Electronics and  
Communication Engineering (Name of the  
Subject ...

*Microprocessors and Microcontrollers lab Dept  
of ECE*

Although this manual is designed primarily  
for reference, It also contains some

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instructional material to help the beginning programmer. The manual is organized as follows: Chapter 1. Chapter 2. Chapter 3. Chapter 4. Chapter 5. Chapter 6. Chapter 7, ASSEMBLY LANGUAGE AND PROCESSORS Description of the assembler Overview of 8080 hardware and instruction set Description of 8080(8085 differences ...

*Intel 8080/8085 Assembly Language Programming*  
Microprocessors & Interfacing Devices  
Laboratory Department of Electronics &  
Communication Engineering 1. Programs for 16  
bit Arithmetic Operations for 8086(Using

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Various Addressing Modes) 1.1) AIM: TO WRITE 8086 ALP TO ADD, SUB, MUL, DIV TWO 16-BIT NUMBERS. APPARATUS: 1.8086 mp kit -1 & Adapter-1 2. System-1 3. RS 232 Serial cable. 4.+5v Supply

## *MICROPROCESSORS & INTERFACING DEVICES*

CS 6412 - MICROPROCESSOR AND MICROCONTROLLER LABORATORY LAB MANUAL. CS6412-MICROPROCESSOR AND MICROCONTROLLER LABORATORY 2 VVIT DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ANNA UNIVERSITY CHENNAI Regulation 2013 CS6412-MICROPROCESSOR AND MICROCONTROLLER LABORATORY SYLLABUS LIST OF

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EXPERIMENTS: 8086 Programs using kits and MASM 1. Basic arithmetic and Logical operations 2. Move a ...

## *CS 6412 - MICROPROCESSOR AND MICROCONTROLLER LABORATORY*

Intel 8085 is an 8-bit, NMOS microprocessor. It is a 40 pin C package fabricated on a single LSI chip. The Intel 8085A uses a single +5V D.C supply for its operation. Its clock speed is about 3 MHz.

### *Intel 8085 8-bit Microprocessor*

In Lab Manuals 8085 program-Ascii to Decimal

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conversion AIM To prepare a program for 8085 to convert a decimal number to its corresponding ASCII number and to convert a given ASCII TO decimal.

*8085 lab manual - Electronic Circuits and Diagrams ...*

EC6513 --- MICROPROCESSOR AND MICROCONTROLLER LABORATORY LAB MANUAL. ANNA UNIVERSITY CHENNAI Regulation 2013 EC6513- MICROPROCESSOR AND MICROCONTROLLER LABORATORY SYLLABUS LIST OF EXPERIMENTS 8086 Programs using kits and MASM 1. Basic arithmetic and Logical operations 2. Move a data block



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without overlap 3. Code conversion, decimal arithmetic and Matrix operations. 4. Floating point operations ...

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