

Microprocessor Lab Manual With Theory

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Microprocessor Lab Manual With Theory
Microprocessors & Interfacing Devices Laboratory Department of Electronics & Communication Engineering 1.2. MULTIPLICATION OF TWO 16-BIT DATA AIM: To multiply two 16-bit data (Multibyte multiplication) using 8086 microprocessor. APPARATUS: 1. 8086 Trainer kit 2. Key board 3. SMPS PROGRAM CODE: MOV AX,[0300] MOV BX,[0302] MUL BX INT A5 RESULT: 0300 0302 0300 0302

MICROPROCESSORS & INTERFACING DEVICES
Microprocessor_lab_3_manual.pdf - Experiment 3 Lab Manual American International University Bangladesh Department of Electrical and Electronic. ... Theory and Methodology: Timer: Every electronic component of a sequential logic circuit works on a time base.

Microprocessor_lab_3_manual.pdf - Experiment 3 Lab Manual ...
SYLLABUS FOR MICROPROCESSOR LAB 1. Write a program using 8085 Microprocessor for Decimal, Hexadecimal addition and subtraction of two Numbers. 2. Write a program using 8085 Microprocessor for addition and subtraction of two BCD numbers. 3. To perform multiplication and division of two 8 bit numbers using 8085. 4.

MICROPROCESSOR LAB MANUAL EEC-553
MICROPROCESSOR & MICROCONTROLLER LAB MANUAL 8085 MICROPROCESSOR PROGRAMS

(PDF) MICROPROCESSOR & MICROCONTROLLER LAB MANUAL 8085 ...
MICROPROCESSOR LAB MANUAL DATE: ___/___/___ SIGNATURE OF STAFF-IN-CHARGE DEPARTMENT OF ELECTRONICS & COMMUNICATION, SSIT, TUMKUR 6. Write an ALP to add N 2-digit BCD numbers store the result at location X and store the same in address/data field. PROGRAM ALGORITHM START: LXI H,F100H MOV C,M SUB A MOV B,A ...

8085 MICROPROCESSOR LAB MANUAL - ssit.edu.in
Lab Name :- Microprocessor Lab code:-06BEC-202 BU Experiment No:- 1 Object:-Study the hardware, functions, memory structure and operation of 8085 microprocessor kit. Apparatus:-8085 Microprocessor Kit THEORY- SYSTEM INTRODUCTIONS GENERAL DESCRIPTION 8085 Micro Processor is a single board Microprocessor training/ Development Kit ...

Experiment No:- 1
MICROPROCESSOR & MICROCONTROLLER LAB MANUAL C.SARAVANAKUMAR, M.E., LECTURER, DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING 2 ADDITION OF TWO 8 BIT NUMBERS AIM: To perform addition of two 8 bit numbers using 8085. ALGORITHM: 1) Start the program by loading the first data into Accumulator. 2) Move the data to a register (B register).

8085 MICROPROCESSOR PROGRAMS
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(PDF) Microprocessors Lab MICROPROCESSORS AND ...
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. ... EC6513- MICROPROCESSOR AND MICROCONTROLLER LABORATORY 18

EC6513-Microprocessor-Microcontroller-Lab-1 2013 regulation.
3. While coming to the lab bring the lab manual cum observation book, record etc. 4. Take only the lab manual, calculator (if needed) and a pen or pencil to the work area. 5. Before coming to the lab, prepare the prelab questions. Read through the lab experiment to familiarize yourself with the components and assembly sequence. 6.

Microprocessors and Microcontrollers lab Dept of ECE
Microprocessor Lab 10ECL68 Dept. of ECE, CIT-Gubbi 3 2015-16 To run the program in MASM 6.15 following steps have to be executed:

Department of Electronics & Communication Engineering
theory class; this helps the students to B. Laboratory Session-2: Write same information is also taught in theory class; this helps the students to understand better. Note: These TWO Laboratory sessions are used to fill the gap between theory classes and practical sessions. Both sessions are evaluated as lab experiments for 20 marks. NOTE:

Merged file
MICROPROCESSOR LAB MANUAL COMPUTER ENGINEERING MICROPROCESSOR LAB 3 amounts of data in a concise visual form. Graph should be in a square format. GENERAL RULES FOR PERSONAL SAFETY 1. Always wear tight shirt/lab coat, pants and shoes inside workshops. 2. REMOVE ALL METAL JEWELLERY since rings, wrist watches or bands, necklaces, etc. make

Microprocessor Lab 513B - srittrkerala.ac.in
MICROPROCESSOR & MICROCONTROLLER LAB MANUAL BCD TO HEX CONVERSION AIM: To convert two BCD numbers in memory to the equivalent HEX number using 8085 instruction set ALGORITHM: 1) Initialize memory pointer to 4150 H 2) Get the Most Significant Digit (MSD) 3) Multiply the MSD by ten using repeated addition 4) Add the Least Significant Digit (LSD) to the result obtained in previous step 5) Store the HEX data in Memory PROGRAM: LXI H,4150H MOV A,M Initialize memory pointer ADD A,MSD X 2 MOV B,A ...

Microprocessor lab - slideshare.net
LAB MANUAL 2011 Microchip Technology Inc. DS51963A-page 5 Lab Manual Introduction INTRODUCTION The purpose of these labs is to introduce the basic concepts of designing microcontroller-based systems. Each lab will introduce a new concept and provide a starting template that will guide the student toward creating a successful project.

Introduction to Microcontrollers Lab Manual
OUTPUT:INPUT DATA: OUTPUT DATA:3000: 1234 2000: 00003002: 5678 2002: 4444RESULT: Thus an assembly language program to multiply and divide two unsigned 16-bit numbers was written and executed using 8086 microprocessor kit.LP & MC – LAB MANUAL ECE Page | 70

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DCWSN Theory Notes: DCWSN QB: CN Manual; Programming Lab-2. Practical Presentations; Oral Questions; Programming Lab-4. Manuals; Lab Codes; Oral Questions; Course File. 2020-21. Sem-I. CN Theory; CNL Practical; 2019-20. Sem-I. CN Theory (2015P) COA Theory (2015P) Computer Network Lab (CNL) Sem-II. Microprocessor (2015P) MPL 2015p; 2018-19 ...

Microprocessor – Mr.Rajiv Ramesh Bhandari
VLSI Lab Manual VII sem. ECE 10ECL77 ... GCEN 6 4. DO'S AND DON'TS DO'S Do log off the computer when you finish the work. Bring observation, manual, pen etc. with you. Make sure that your hands are clean and dry when you use the computer.

VLSI lab manual VII sem. ECE - Copalan Colleges
Lab Equipment. Electronics Technology with Digital and Microprocessor Lab (course 14B) is a laboratory-intensive course that contains 155 lessons with over 100 hands-on training experiments using CIE's Personal Training Laboratory, Multimeter and Digital Security Control Device. You can take your exams online with our e-grade site.

Electronics Technology with Digital and Microprocessor Lab ...
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