

Chapter 1 16-bit microprocessor-8086 related doubts [Features of microprocessor 8086]		Gauri katkar	Calista Amin	Rehaan choudhary	Farhan Qureshi	Sharvari Rasal
Chapter 1 16-bit microprocessor-8086 related doubts [general purpose registers of 8086]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Roshani Raghunath Late	Rehaan choudhary
Chapter 1 16-bit microprocessor-8086 related doubts [segment, index registers, of 8086 ]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Sakshi Sunil Bari	Roshani Raghunath Late
Chapter 1 16-bit microprocessor-8086 related doubts [pin diagram of 8086 , function of pins ]		Gauri katkar	Calista Amin	Rehaan choudhary	Sharvari Rasal	Hamza sayed
Chapter 1 16-bit microprocessor-8086 related doubts [labeled architecture of 8086 , functions of blocks of BIU and EU]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Rehaan choudhary	Sharvari Rasal
Chapter 1 16-bit microprocessor-8086 related doubts [Explain special pins used in minimum mode(any four /specified)]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Rehaan choudhary	Sharvari Rasal
Chapter 1 16-bit microprocessor-8086 related doubts [maximum mode pins]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Rehaan choudhary	Sharvari Rasal
Chapter 1 16-bit microprocessor-8086 related doubts [minimum mode pins]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Rehaan choudhary	Sharvari Rasal
Chapter 1 16-bit microprocessor-8086 related doubts [Describe importance of instruction queue]		Vidhi Dilip Kasbe	Gauri katkar	Maadhav Agarwal	Calista Amin	Roshani Raghunath Late

Chapter 1 16-bit microprocessor-8086 related doubts [different flags of 8086 flag register.]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Roshani Raghunath Late	Rehaan choudhary
Chapter 1 16-bit microprocessor-8086 related doubts [process of calculating physical address with example physical Address calculation with example,, ]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Mohamed Anzar Tabrez Khan	Roshani Raghunath Late
Chapter 1 16-bit microprocessor-8086 related doubts [State importance of instruction pipelining in 8086]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Mohamed Anzar Tabrez Khan	Roshani Raghunath Late
Chapter 2 assembly language programming tools related doubts [steps to develop an assembly language program in 8086(Hint: problem definition, design program logic, algo, flowchart, coding, select instructions, convert to object code, create executable code, debug and test using executable code)]		Gauri katkar	Calista Amin	Tisha Amish Khatri	Roshani Raghunath Late	Rehaan choudhary
Chapter 2 assembly language programming tools related doubts [Use of different symbols and notations used in creating flowchart.]		Gauri katkar	Maadhav Agarwal	Calista Amin	Tisha Amish Khatri	Ashage Misquitta
Chapter 2 assembly language programming tools related doubts [Steps to execute an assembly language program in 8086(Hint: using editor create asm, create obj file, link obj file, create executable file, debug and test executable code)]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Sakshi Sunil Bari	Ashage Misquitta
Chapter 2 assembly language programming tools related doubts [Functions and advantages of Editor, assembler, linker, debugger]		Gauri katkar	Calista Amin	Tisha Amish Khatri	Ashage Misquitta	Rehaan choudhary
Chapter 2 assembly language programming tools related doubts [List steps to create .asm, .lst, .obj, .map and exe file using assembly language programming tools.]		Gauri katkar	Calista Amin	Ashage Misquitta	Rehaan choudhary	Pranav Mehta
Chapter 2 assembly language programming tools related doubts [Assembler directives: DB, OFFSET, DW, DUP, END, DD with example of each for 8-bit, 16-bit]		Gauri katkar	Maadhav Agarwal	Calista Amin	Mohamed Anzar Tabrez Khan	Ashage Misquitta

Chapter 3 8086 Instruction set related doubts till PT-1 syllabus [Data transfer instruction formats in 8086 with Example each for 8-bit and 16-bit data (register to register, register to memory, memory to register).]		Vidhi Dilip Kasbe	Gauri katkar	Maadhav Agarwal	Calista Amin	Rehaan khan
Chapter 3 8086 Instruction set related doubts till PT-1 syllabus [Arithmetic instructions syntax in 8086 with Example each for 8-bit and 16-bit data]		Gauri katkar	Calista Amin	Roshani Raghunath Late	Evan Ananda	Ganesh Mishra
Chapter 3 8086 Instruction set related doubts till PT-1 syllabus [Logical instructions syntax in 8086 with Example each for 8-bit and 16-bit data: AND , OR, NOT, XOR]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Tisha Amish Khatri	Sakshi Sunil Bari
Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for addition of three 8 bit hex no.s stored in data segment and store result in data segment.(assume suitable data)]		Gauri katkar	Calista Amin	Rehaan choudhary	Sanskar Javalekar	Pranav Mehta
Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for subtraction of 16 bit hex no.s stored in data segment and store result in data segment.(assume suitable data)]		Gauri katkar	Calista Amin	Rehaan choudhary	Sanskar Javalekar	Pranav Mehta
Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for multiplication of two 8 bit hex no.s which produce 16 bit result numbers are stored in data segment, store result in data segment.(assume suitable data)]		Gauri katkar	Calista Amin	Rehaan choudhary	Pranav Mehta	Farhan Qureshi

Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for multiplication of two 16 bit hex no.s which produce 32 bit result numbers are stored in data segment, write contents of registers where result is stored.(assume suitable data)]		Gauri katkar	Maadhav Agarwal	Calista Amin	Rehaan choudhary	Sanskar Javalekar
Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for division of two 16 hex no.s which produce quotient and remainder, write result location contents.(assume suitable data)]		Vidhi Dilip Kasbe	Gauri katkar	Maadhav Agarwal	Calista Amin	Roshani Raghunath Late
Chapter 4 Assembly language programming using 8086 doubts(first execute at least 1 program at your own then fill this data) [WALP for transfer of block of five 8-bit hex no.s stored in data segment from num1 array to num2 array, write result location contents.(assume suitable data) (hint: num1 db 20h,34h,56h,7Ah,60h) , num2 db ? or num2 db 5 dup(0))]		Vidhi Dilip Kasbe	Gauri katkar	Calista Amin	Sakshi Sunil Bari	Roshani Raghunath Late

Hamza sayed	Sadhvi Singh	Shubham Shethiya	Yashraj Gaikar	Vedanaya gam Kevin Jolly	Raj Jadiyar			
Farhan Qureshi	Sharvari Rasal	Hamza sayed	Sadhvi Singh	Shaikh Mohd Arsh Parvez	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve
Rehaan choudhary	Farhan Qureshi	Smit Patil	Sharvari Rasal	Hamza sayed	Sadhvi Singh	Manthan	Shubham Shethiya	Kushal Kanhoji Surve
Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Ved	Yashraj Gaikar	Vedanaya gam Kevin Jolly	Raj Jadiyar
Hamza sayed	Sadhvi Singh	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Ved	Yashraj Gaikar
Hamza sayed	Sadhvi Singh	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Sanjay Singh Nagarkoti	Jhalak Tiwari
Hamza sayed	Sadhvi Singh	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Sanjay Singh Nagarkoti	Jhalak Tiwari
Hamza sayed	Sadhvi Singh	Shaikh Mohd Arsh Parvez	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Sanjay Singh Nagarkoti
Bhoomi Shrivastav	Rehaan choudhary	Farhan Qureshi	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Shaikh Mohd Arsh Parvez

Farhan Qureshi	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Sadhvi Singh	Shaikh Mohd Arsh Parvez	Manthan	Shubham Shethiya	Saksham Shinde
Rehaan choudhary	Farhan Qureshi	Smit Patil	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Shaikh Mohd Arsh Parvez
Rehaan choudhary	Farhan Qureshi	Sharvari Rasal	Hamza sayed	Alina shaikh	Sadhvi Singh	Shaikh Mohd Arsh Parvez	Manthan	Shubham Shethiya
Pranav Mehta	Farhan Qureshi	Sharvari Rasal	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Manthan	Shubham Shethiya	Saksham Shinde
Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Smit Patil	Sharvari Rasal	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Manthan
Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Sharvari Rasal	Akshay Singh	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Sralok Sunil Sonar
Pranav Mehta	Farhan Qureshi	Sharvari Rasal	Akshay Singh	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Manthan	Shubham Shethiya
Farhan Qureshi	Sharvari Rasal	Shreyansh i Ketan Shah	Alina shaikh	Shaikh Mohd Arsh Parvez	Sralok Sunil Sonar	Manthan	Shubham Shethiya	Saksham Shinde
Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Smit Patil	Sharvari Rasal	Shreyansh i Ketan Shah	Alina shaikh	Shaikh Mohd Arsh Parvez	Manthan

Roshani Raghunath Late	Evan Ananda	Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah
Ashage Misquitta	Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh
Roshani Raghunath Late	Evan Ananda	Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah
Farhan Qureshi	Smit Patil	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sralok Sunil Sonar	Manthan
Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Akshay Singh	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sralok Sunil Sonar	Manthan
Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh	Sralok Sunil Sonar	Manthan	Shubham Shethiya

Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Akshay Singh	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh	Sadhvi Singh
Evan Ananda	Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh
Evan Ananda	Rehaan choudhary	Pranav Mehta	Farhan Qureshi	Siddhi amar pawar	Sharvari Rasal	Hamza sayed	Shreyansh i Ketan Shah	Alina shaikh



\*\* IT IS MEMORY DEVICE USED TO

### GENERAL PURPOSE REGISTERS

8086 CPU HAS 8 GENERAL PURPOSE REGISTERS. EACH HAS ITS OWN NAME:

**AX** - THE ACCUMULATOR REGISTER

**BX** - THE BASE ADDRESS REGISTER

**CX** - THE COUNT REGISTER (DIVIDED BY 2)

**DX** - THE DATA REGISTER (DIVIDED BY 2)

**SI** - SOURCE INDEX REGISTER.

**DI** - DESTINATION INDEX REGISTER.

**BP** - BASE POINTER.

**SP** - STACK POINTER.

Sachin	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Vedanaya gam Kevin Jolly	Raj Jadiyar	
Sachin	Ved	Yashraj Gaikar	Mohamme d Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Anurag yadav	Raj Jadiyar

Raj Jadiyar									
Ved	Yashraj Gaikar	Vedanaya gam Kevin Jolly	Raj Jadiyar						
Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Raj Jadiyar	Shreya Manoj Thakur				
Jhalak Tiwari	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Raj Jadiyar	Shreya Manoj Thakur			
Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	

Kushal Kanhoji Surve	Sachin	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Nouman Khan	Ishika Shirodkar	Raj Jadiyar
Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Tejaswini Bharat Bhujbal	Pranjal Mahendra Gawand	Diksha Gorivale	Jhalak Tiwari
Saksham Shinde	Kushal Kanhoji Surve	Sachin	Pranjal Mahendra Gawand	Rohan Nikam	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar
Kushal Kanhoji Surve	Sachin	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Shivani	Vedanaya gam Kevin Jolly	Nouman Khan	Anurag yadav
Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Jhalak Tiwari	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Vedanaya gam Kevin Jolly
Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Shivani
Saksham Shinde	Kushal Kanhoji Surve	Sachin	Rohan Nikam	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Raj Jadiyar
Kushal Kanhoji Surve	Sachin	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Shivani	Vedanaya gam Kevin Jolly	Ishika Shirodkar	Raj Jadiyar
Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee

Alina shaikh	Sralok Sunil Sonar	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Pranjal Mahendra Gawand	Diksha Gorivale
Sralok Sunil Sonar	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Pranjal Mahendra Gawand	Diksha Gorivale	Rohan Nikam
Alina shaikh	Sralok Sunil Sonar	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Sachin	Diksha Gorivale	Aaditi Pawar
Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Aaditi Pawar	Jui Jagtap	Jhalak Tiwari	Yashraj Gaikar
Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Diksha Gorivale	Aaditi Pawar	Jui Jagtap	Rohan Nikam
Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Pranjal Mahendra Gawand	Aaditi Pawar	Jui Jagtap	Rohan Nikam	Jhalak Tiwari

Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Tejaswini Bharat Bhujbal	Diksha Gorivale	Aaditi Pawar
Sadhvi Singh	Sralok Sunil Sonar	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Pranjal Mahendra Gawand
Sadhvi Singh	Manthan	Shubham Shethiya	Saksham Shinde	Kushal Kanhoji Surve	Urvi	Sachin	Diksha Gorivale	Aaditi Pawar

STORE DATA.

OSE REGISTERS, EACH REGISTER HAS ITS  
ER (DIVIDED INTO **AH** / **AL**).  
(DIVIDED INTO **BH** / **BL**).  
ED INTO **CH** / **CL**).  
D INTO **DH** / **DL**).

Mohammed d Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Anurag yadav	Raj Jadiyar
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VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Mohamme d Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Nouman Khan	Anurag yadav	Ishika Shirodkar	Raj Jadiyar
Mohamme d Taiyeb Hafizjee	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar	Raj Jadiyar				
Ishika Shirodkar	Raj Jadiyar	Bhaves h yadav						
Nouman Khan	Raj Jadiyar	Bhaves h yadav						
Vedanaya gam Kevin Jolly	Nouman Khan	Ishika Shirodkar	Raj Jadiyar	Bhaves h yadav				
Bhaves h yadav								
Bhaves h yadav								
Vedanaya gam Kevin Jolly	Ishika Shirodkar	Raj Jadiyar	Bhaves h yadav					

Jhalak Tiwari	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Raj Jadiyar	Bhaves yadav	Shreya Manoj Thakur
Jhalak Tiwari	Ved	Yashraj Gaikar	Vedanaya gam Kevin Jolly	Anurag yadav	Raj Jadiyar	Bhaves yadav	Shreya Manoj Thakur	
Rohan Nikam	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar
Mohammed Taiyeb Hafizjee	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar	Raj Jadiyar	Shreya Manoj Thakur		
Jhalak Tiwari	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar	Raj Jadiyar	Shreya Manoj Thakur
Ved	Yashraj Gaikar	Mohammed Taiyeb Hafizjee	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar	Raj Jadiyar	Shreya Manoj Thakur

Jui Jagtap	Rohan Nikam	Jhalak Tiwari	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav	Ishika Shirodkar
Diksha Gorivale	Aaditi Pawar	Jui Jagtap	Rohan Nikam	Jhalak Tiwari	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly
Jui Jagtap	Rohan Nikam	Jhalak Tiwari	VIVEK VIJAY PAWAR	Ved	Yashraj Gaikar	Shivani	Vedanaya gam Kevin Jolly	Anurag yadav







Raj Jadiyar	Bhavesb yadav
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Raj Jadiyar	Shreya Manoj Thakur		
Anurag yadav	Ishika Shirodkar	Raj Jadiyar	Shreya Manoj Thakur
Ishika Shirodkar	Raj Jadiyar	Shreya Manoj Thakur	