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Examples are: + , - , * , / , DUP, and OFFSET.

Comments: A semicolon starts a comment. A comment may follow a statement or it may be on a separate line.

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We will also provide an assembly program examples of each divide instruction. In this series on 8086 microprocessor tutorials, we previously discussed; 8086 Microprocessor Addressing Modes, 8086 Data Transfer Instructions, 8086 Integer Arithmetic Instructions, 8086 Integer Multiplication Instructions. 8086 Microprocessor Division Instructions

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Arrays ...

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Example . The code below compares two numbers

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8086 Conditional Branch Instructions - Assembly Examples

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Workings of Intel's 8086 & 8088 Microprocessor.

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Assembly language programming for the IBM

Personal Computer , David J. Bradley, 1984,

Computers, 340 pages. Teaches Assembly Language

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XOR `&` Binary AND `<<` Shift to left `>>` Shift to right `+`

Addition `-` Subtraction `*` Multiplication `/` Division

(unsigned 16-bit) `%` Modulo operator (expr)

Parenthesis - Unary negation The following

numbers are implemented: `0b0000_0100` Binary,

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Simplified block diagram over Intel 8088 (a variant of 8086); 1=main registers; 2=segment registers and IP; 3=address adder; 4=internal address bus; 5=instruction queue; 6=control unit (very simplified!); 7=bus interface; 8=internal databus; 9=ALU; 10/11/12=external address/data/control bus.

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Programs for the IBM-PC as well as the Principles of Computer Operations.

IBM PC/8088 Assembly Language Programming, 1985, 433 pages ...

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