Nhóm 06-07-08CLC - Kiến trúc máy tính và hợp ngữ

Bắt đầu vào lúc Saturday, 8 April 2017, 1:12 PM

State Finished

Kết thúc lúc Saturday, 8 April 2017, 1:22 PM

Thời gian thực 10 phút 13 giây

hiên

Điểm 22,25/22,25

Điểm 10,00 out of 10,00 (**100**%)

Câu hỏi ${f 1}$

Đúng

Đạt điểm 1,00 trên 1,00

₱ Đặt cờ

Given 8-bit floating-point binary format: 57=0 101 0111b =1.01011*2^6 1 (sign) + 3 (exponent) + 4 (mantissa)

Convert the 8-bit floating point number 57 (in hex) to decimal.

Answer: 5,75

Câu hỏi 2

Đúng

Đạt điểm 1,50 trên 1,50

P Đặt cờ

A system programmer needs to divide -6247 by 300 (decimal). Instruct him to code in debug (number must be in hex) and the result should be?

Step 1: MOV AX,E799 ▼

-6247=0xFFFF E799
300 = 0x12C

Step 2: CDW ▼ ✓

Step 3: MOV BX,012C ▼ ✓

Step 4: IDIV BX ▼ ✓

Result:

 $AX = | FFEC | \bigvee \bigvee Quotient$

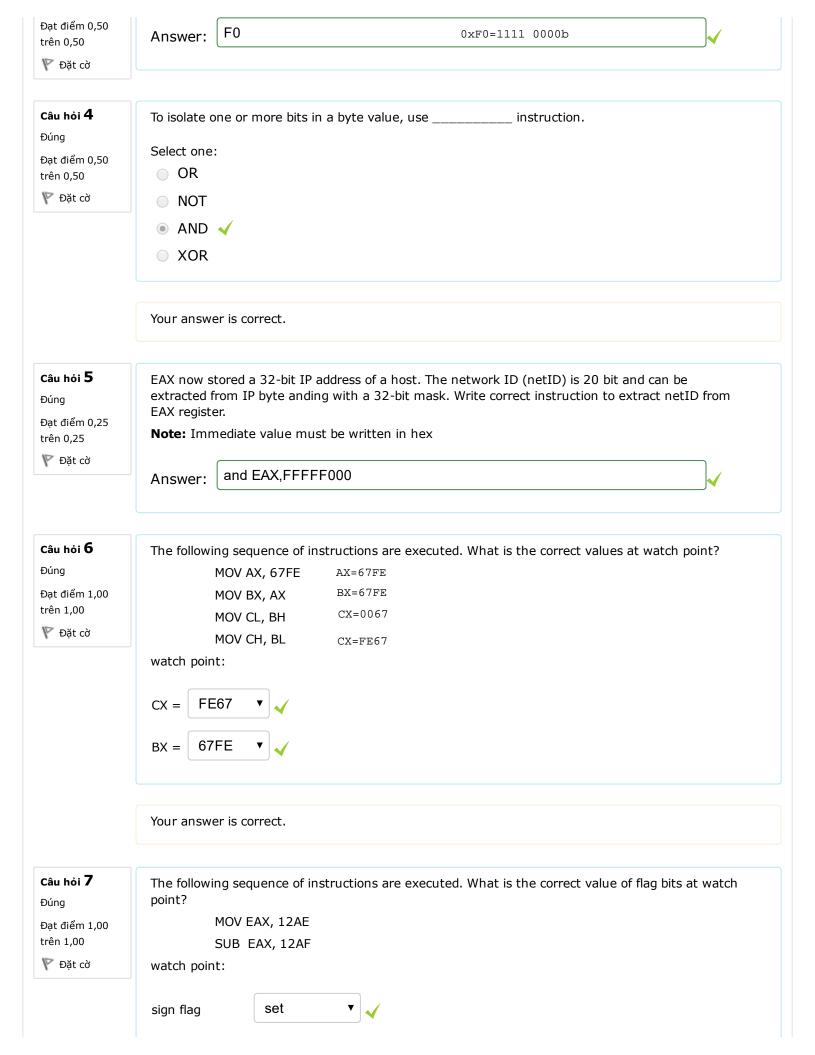
DX = FF09 \checkmark Reminder

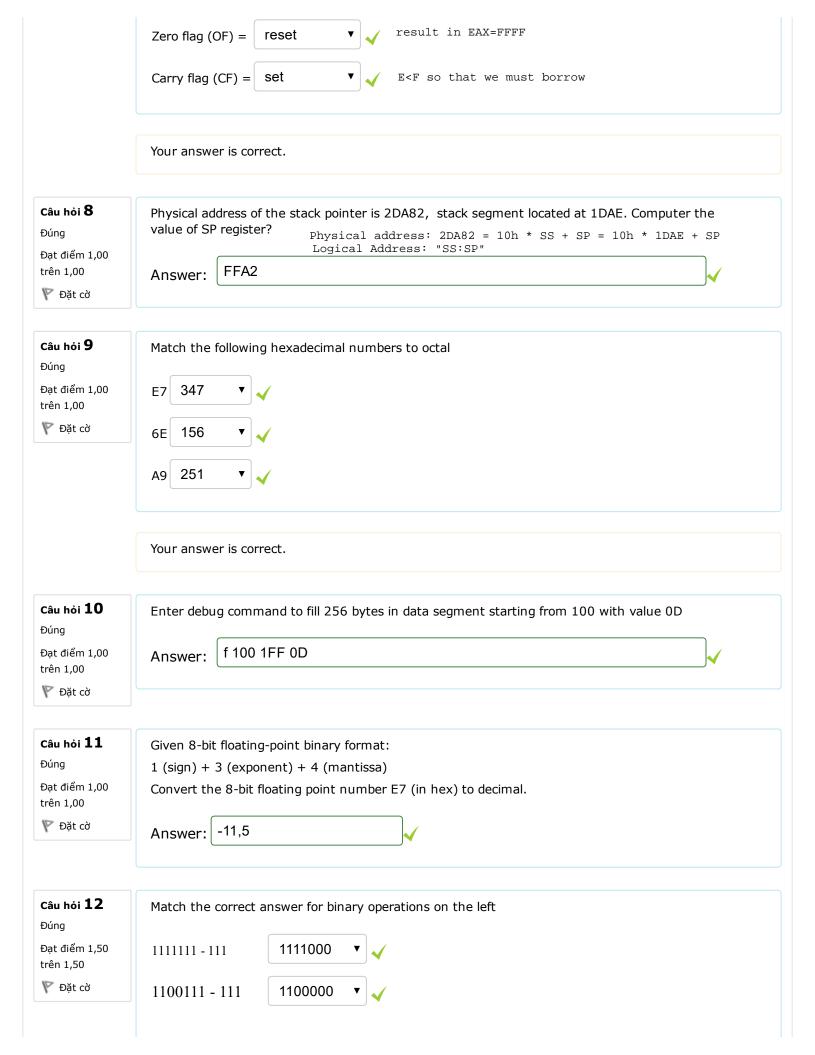
Your answer is correct.

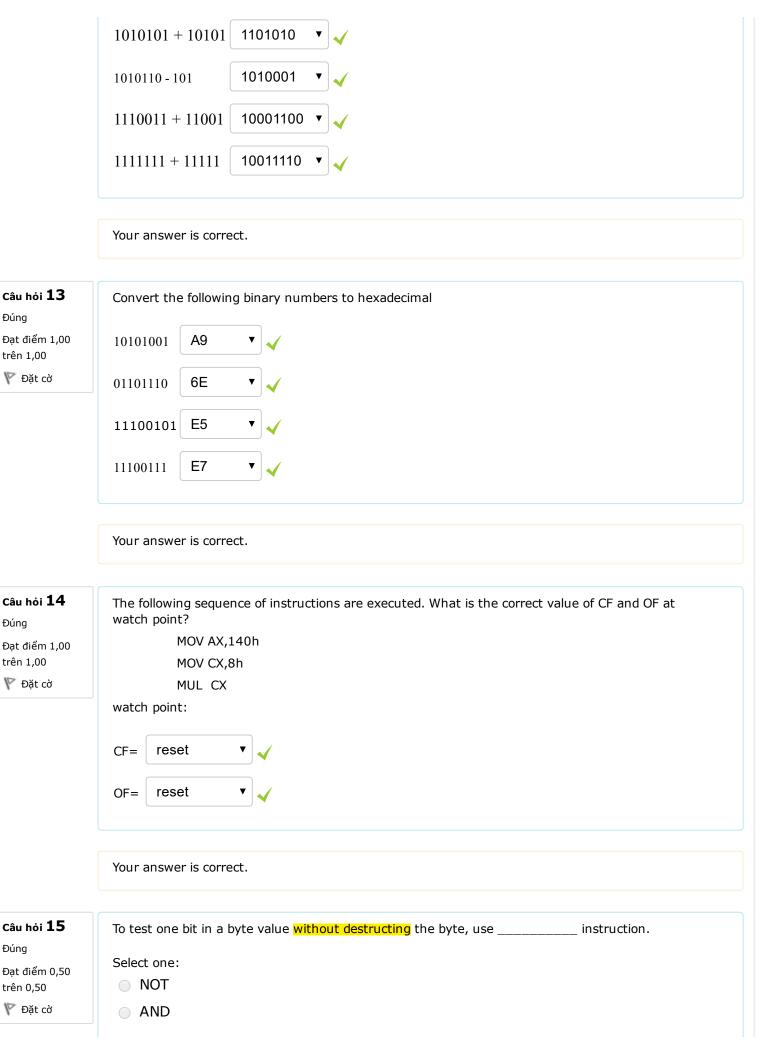
Câu hỏi **3**

Đúng

Write mask byte (in hex) to clear the lower 4 bit of a byte value with AND instruction.









Câu hỏi 16

Đúng Đạt điểm 1,00

trên 1,00 Păt cờ

Initially, AX=BX=CX=DX=0, SI=121

What are value of CX,DX after execution of the following instructions?

MOV DX, [SI]

MOV CX, [SI+2]

Your answer is correct.

Câu hỏi 17

Đúng

Đạt điểm 1,00 trên 1,00

P Đặt cờ

Select correct match for register values at watch points:

MOV AX, 152D

152D+3F=156C

ADD AX, 003F

watch point #1:

ADD AH, 10

watch point #2:

watch point #2:

AH = 25

watch point #1:

AL = 6C

Your answer is correct.

Câu hỏi 18

Đúng

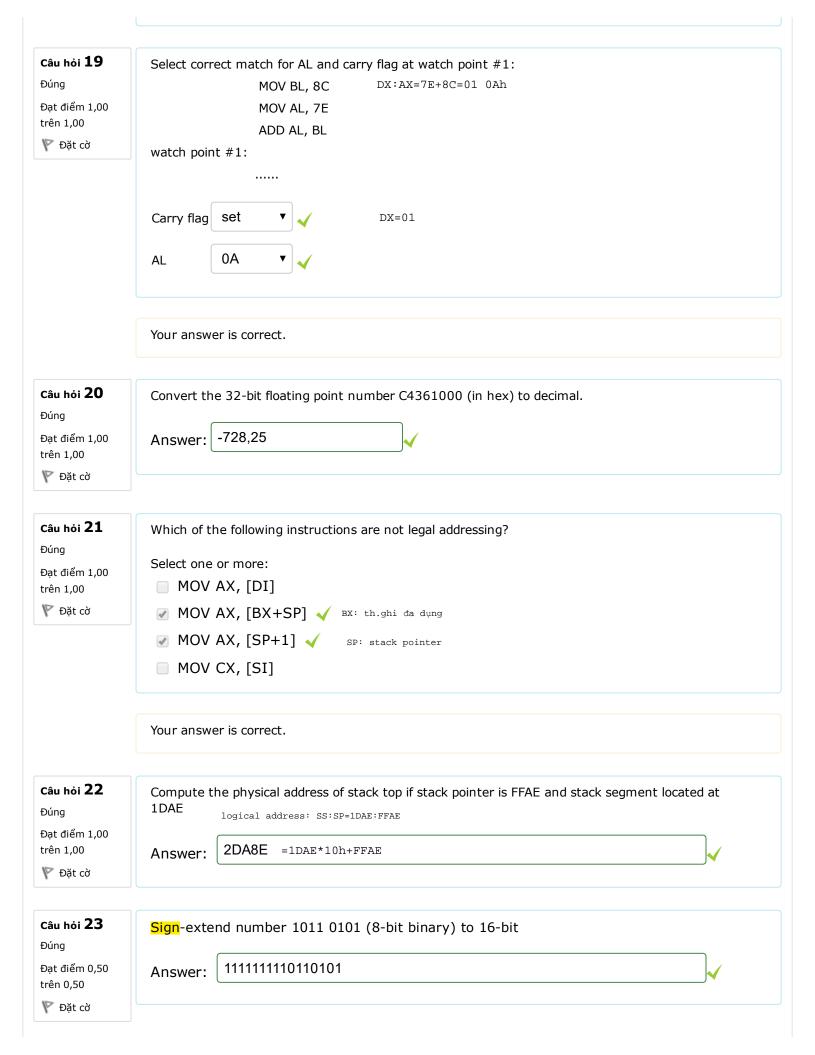
Đạt điểm 1,00 trên 1,00

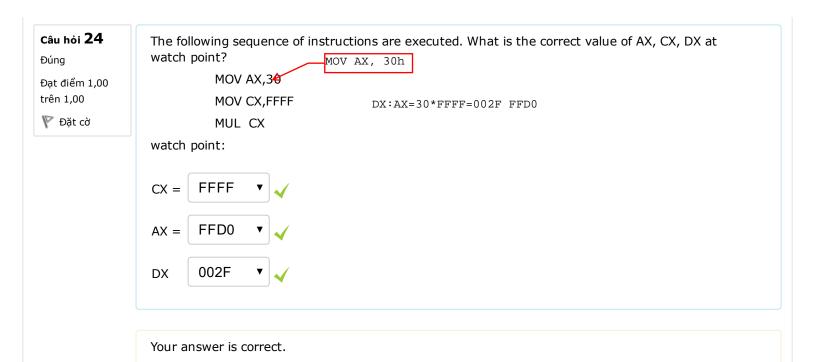
Păt cờ

A memory location located in extra segment which now has value of 564F. This memory managed by ES:SI register-pair. SI now points to 905F. Compute the physical address of this memory location

5F54F = 564F*10h + 905FAnswer:







Finish review