

Assignment 1

Exercise 1

Let EAX=0x40506070h, EBX=0x00000001h, ECX=0xABCDEF12h, and EDX=0x22223333h

What will be the state of the above registers after we do...

1. add eax, 10h
2. sub ecx, eax ; consider the value of eax updated in q.1
3. mov dh, 0xFF
4. mov bx, ax ; consider the value of eax updated in q.1

Answers:

1. $0x40506070 + 0x10 = 0x40506080$

EAX = 0x40506080

2. $0xABCDEF12 - 0x40506080 = 0x6B8D8E92$

ECX = 0x6B8D8E92

3. EDX = 0x22FF3333

4. EBX = 0x00006080