(3) 
$$6|\text{tu} \times 1|, \times 23, 2768$$
  
 $0010110 \quad \frac{[0111]}{r52} \quad \frac{01011}{r51}$ 

$$\frac{110}{\text{FN}^3} = \frac{10001}{0000}$$

$$\frac{110001}{110000}$$

$$\frac{110000}{110000}$$

DX 467BE2E3

rsL

(5) x5= 0x89abcdef 40 41 42 43 Instruction sequence: cf cd ab 89 SW x5, 40(x0) 16 x7, 62(x0) => | x7 = oxffffffab (6) PC = 0x00000450 Instruction sequence: add: x9, x0, 0xH7 => x9= 0x 1111) 117 s(1): x(0), x(0)bge x9,x10,12 11.11 | 1111 | 1111 | 1111 | 1110 | 1110 => x10 = 641 \$ \$ \$ \$ \$ \$ \$ \$ PC = 0x00000450 +4 0x00000454 PC = 0x00000154+40x00000458

 $Tf \times 9 > 10$ , yes  $PC = 0 \times 0 0 0 0 0 0 0 58 + 12 = 0 \times 0 0 0 0 0 464$ 

(7) Instruction sequence
lus x12, 0x 87654 => x12 = 0x 87654000

slt x12, x12, x0

If x12 < x0, 4es

V 12 6 V 04 04 04 0

 $X12 = 6 \times 00000001$