2.2

|  |  |  |  |
| --- | --- | --- | --- |
| 指令 | 地址 | 执行前 | 执行后 |
| MOV AX,3 | AX | 00AAH | 0003H |
| SUB WORD PTR[AX] , 3 | 错误 |  |  |
| ADD WORD PTR[EAX],3 | 00AAH | 0002H | 0005H |
| ADD BH,2 | BH | 00H | 02H |
| SUB EBP,2 | EBP | 5000H | 4FFEH |
| SUB [CX],DX | 错 |  |  |
| ADD DI,2 | DI | 6000H | 6002H |
| SUB SI,10 | SI | 4000H | 3FF6H |
| MOV [BX],BX | 100BBH | 0200H | 00BBH |
| MOV [DI],DX | 16000H | 0300H | 00DDH |
| MOV ES:[DX],BX | 错 |  |  |
| MOV ES:[SI],DS | 24000H | 0400H | 1000H |
| MOV DX,SS | DS | 00DDH | 3000H |
| MOV EAX,EIP | 错误 |  |  |
| SUB 2[DX],AX | 错误 |  |  |
| ADD 500H[BP],CX | 35500H | 355H | 0421H |
| SUB [SI-300H],AX | 13D00H | 0F13DH | 0F093H |
| MOV [AX+2],BX | 错 |  |  |
| MOV [DI+1000H],SI | 17000H | 0f13DH | 4000H |
| MOV [CX-100H],AX | 错 |  |  |
| MOV [DX+60],AX | 错 |  |  |
| MOV -8[BX],CX | 100B3H | 0F8BBH | 00CCH |
| MOV ES:1000H[DI],BP | 27000H | 0270H | 5000H |
| MOV [BP+SI],DX | 39000H | 0039H | 00DDH |
| MOV [DI+SI],DX | 错 |  |  |
| MOV [EDI+ESI],DX | 1A000H | 001AH | 00DDH |
| MOV [BX+DI],DX | 160BBH | 0H | 00DDH |
| MOV ES:[7000H],DX | 27000H | 270H | 00DDH |

2.2

(EAX) = -2,(BX) = -2

3.2

mov ch, [bx] ; (1) MOV ch,[bx];

mov ah, x[bx] ; (2) MOV ah,[bx];

mov al, y[bx] ; (3) MOV al,SS:[bx];

mov cl, z[bx] ; (4) MOV cl,CS:[bx];

3.3

(EAX) = 89ABCD28H,(EBX) = 28H

3.4

MOV EDI OFFSET BUF1

MOV EBX 0

MAINP: CMP EXB 0

JGE EXIT

MOV AX,[EDI]

MOV BUF1[EBX],AX

ADD EDI,2

INC EBX

JMP MAINP

EXIT: