2.1 (2)寄存器寻址 寄存器间接寻址

(4)寄存器寻址 基址加变址寻址

(5)变址寻址 寄存器寻址

(6)寄存器寻址 直接寻址

2.2

| **指令** | **目的操作数地址** | **执行前目的操作数的值** | **执行后目的操作数的值** |
| --- | --- | --- | --- |
| SUB WORD PTR [AX], 3 | 该寄存器只能为BX、BP、SI、DI | | |
| ADD WORD PTR [EAX], 3 | 100AAH | 2H | 3H 5H注意add |
| SUB [CX], DX | 该寄存器只能为BX、BP、SI、DI | | |
| MOV [BX], BX | 100BBH | 200H | 0BBH |
| MOV ES: [DX], BX | 该寄存器只能为BX、BP、SI、DI | | |
| MOV ES: [SI], DS | 24000H | 400H | 1000H |
| ADD 500H[BP], CX | 35500H | 355H | 1CCH 0CCH+355H=421H |
| MOV [DI +1000H], SI | 17000H | 0F13DH | 4000H |
| MOV -8[BX], CX | 100B3H | 0F8BBH | 0CCH |
| MOV [BP +SI], DX | 39000H | 39H | 0DDH |
| MOV [EDI +ESI], DX | 1A000H | 1AH | 0DDH |
| MOV [BX +DI], 10H | 操作数不明确 | | |

2.4

将 MOV SI, OFFSET BUF1

MOV DI, OFFSET BUF2

MOV BX, OFFSET BUF3

MOV BP, OFFSET BUF4

LOPA: MOV AL, [SI]

MOV [DI], AL

INC AL

MOV [BX], AL

ADD AL, 3

MOV DS:[BP], AL

改为 MOV SI, OFFSET BUF1

LOPA: MOV AL, [SI]

MOV [SI + 10H], AL

INC AL

MOV [SI + 14H], AL

ADD AL, 3

MOV [SI + 1EH], AL

3.1

|  |  |  |
| --- | --- | --- |
| STR1 | 00H | 0 |
| 01H | 1 |
| 02H | 2 |
| 03H | 3 |
| 04H | 4 |
| 05H | 5 |
| STR2 | 30H | 6 |
| 31H | 7 |
| 32H | 8 |
| 33H | 9 |
| 34H | 10 |
| 35H | 11 |
| NUMB | 02H | 12 |
| 02H | 13 |
| 02H | 14 |
| NMUW | 10H | 15 |
| 0H | 16 |
| 0A0H | 17 |
| 0FFH | 18 |
| POIN | 0H | 19 |
| 0H | 20 |

注意

注意十六进制写法