3.5 (1) MOV DI, WORD PTR STR1

1. CMP NUMW + 2, 0

JGE L1

NEG NUMW + 2

L1:

(3)方法一

MOV AX, NUMW

MOV BX, 16

IMUL BX

ADD AX, COUNT

ADC DX, 0

MOV NUMW+2, DX

MOV NUMW, AX

方法二

MOVSX EAX, NUMW

IMUL EAX, 16

ADD EAX, COUNT

MOV DWORD PTR NUMW, EAX

方法三

MOVSX EAX, NUMW

SHL EAX, 4

ADD EAX, COUNT

MOV DWORD PTR NUMW, EAX

(4)方法一

MOV AL, STR1

MOV AH, STR1+1

MOV STR1, AH

MOV STR1+1, AL

方法二

MOV AL, STR1

XCHG AL, STR1+1

MOV STR1, AL

方法三

MOV AX, WORD PTR STR1

XCHG AH, AL

MOV WORD PTR STR1, AX

方法四

ROL WORD PTR STR1, 8

3.6 (1) MOV AX, WORD PTR STR1; MOV AL STR1

(2)

MOV BP, OFFSET STR2

MOV CL, DS:[BP]

(3) MOV BYTE PTR [SI], ‘+’

(4)

MOV DX, NUMW+2

(5) MOV DI, CX;

(6)

MOV DH, STR1+3

或

MOV BX, OFFSET STR1

MOV DH, [BX+3]

(7) MOV AX, COUNT

INC AX

(8)

MOV AL, STR2

MOV NUMB, AL

(9) MOV POIN, OFFSET NUMW

(10)

MOV AX, NUMB+2

CWD

IDIV NUMB

3.7

|  |  |
| --- | --- |
| 代码 | 结果 |
| MOV AX， 0 | 0 |
| DEC AX | 0FFFFH |
| ADD AX, 07FFFH | 7FFFEH |
| ADD AX,2 | 8000H |
| NOT AX | 7FFFFH |
| SUB AX, 0FFFFH | 8000H |
| ADD AX, 8000H | 0 |
| OR AX, 0BFDFH | 0BFDFH |
| AND AX, 0EBEDH | 0ABCDH |
| XCHG AH, AL | 0CDABH |
| SAL AX, 1 | 9B56H |
| RCL AX, 1 | 36ADH |

3.8 (1) 2002H

(2) MOV SI, 2000H

NEXT: MOV WORD PTR[SI], 0

SUB SI, 2

CMP SI, 0

JNE NEXT ; JBE NETX, JLE NETX

3.11 (NUM)=39H