1-8 答：

	原码	反码	补码
0	00000000	00000000	00000000
-127	11111111	10000000	10000001
127	01111111	01111111	01111111
-57	10111001	11000110	11000111
126	01111110	01111110	01111110
-126	11111110	10000001	10000010
-128	10000000	11111111	10000000
68	01000100	01000100	01000100

1-11 答：代表十进制数97，如果是BCD码则代表十进制数61；如果是ASCII码，代表字符'a'。

1-19 答：(1) FFFF0H

(2) 0041 7H

(3) 24500H

(4) BC777H

1-24.

(1) 直接寻址　EA = 1234　DX = 0000

(2). 立即数寻址. DX = 1234

(3) 寄存器寻址　DX = 2000

(4). 寄存器间接寻址. EA = 2000　DX = 0000

(5). 寄存器相对寻址　EA = 21234　DX = 0000

(6) 基址变址寻址　EA = 2040　DX = 0000

(7). 相对基址变址寻址　EA = 21634　DX = 0000

Debug 过程:

先修改好寄存器中的值

```
-r
AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=0100   NV UP EI PL NZ NA PO NC
073F:0100 0000          ADD     [BX+SI],AL                      DS:2000=00
-_
```

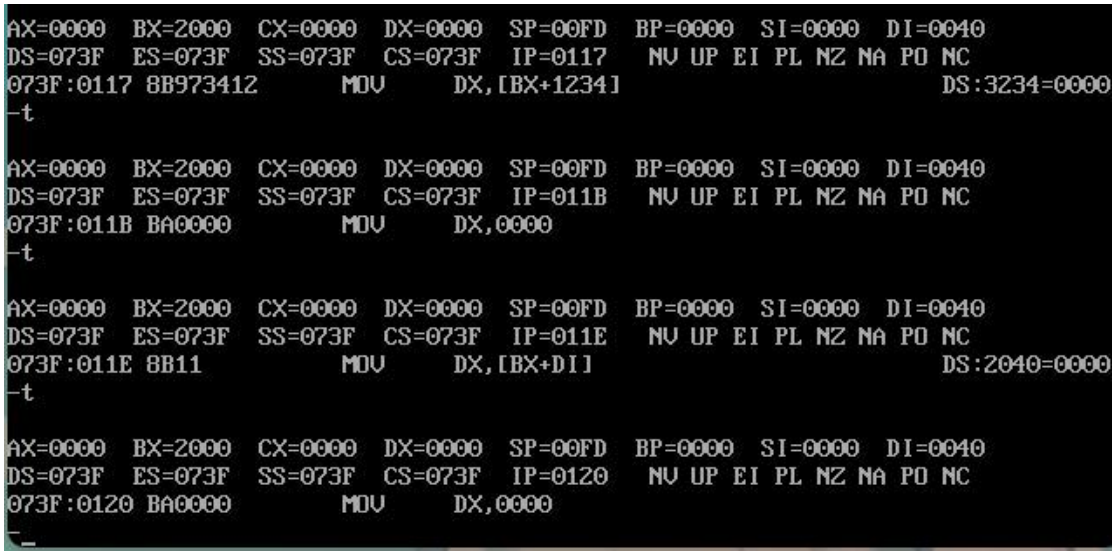
写入汇编指令

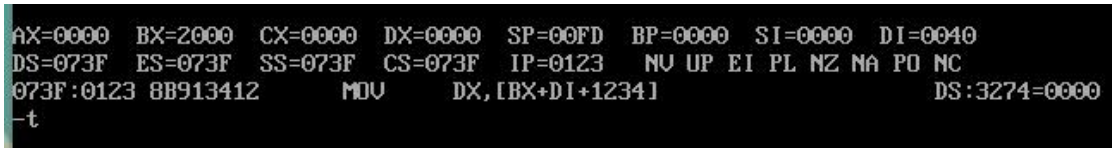
```
-a
073F:0100 mov dx,[1234]
073F:0104 mov dx, 0
073F:0107 mov dx,1234
073F:010A mov dx,0
073F:010D mov dx,bx
073F:010F mov dx,0
073F:0112 mov dx,[bx]
073F:0114 mov dx,0
073F:0117 mov dx,[bx+1234]
073F:011B mov,dx,0
073F:011E mov dx,[bx+di]
073F:0120 mov dx 0
                  ^ Error
073F:0120 mov dx,0
073F:0123 mov dx,[bx+di+1234]
073F:0127 _
```

逐步调试（每次操作后把 dx 清 0）：

```
-t

AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=0104   NV UP EI PL NZ NA PO NC
073F:0104 BA0000        MOV     DX,0000
-t

AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=0107   NV UP EI PL NZ NA PO NC
073F:0107 BA3412        MOV     DX,1234
-t

AX=0000  BX=2000  CX=0000  DX=1234  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=010A   NV UP EI PL NZ NA PO NC
073F:010A BA0000        MOV     DX,0000
-t
```

```
AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=010D   NV UP EI PL NZ NA PO NC
073F:010D 89DA          MOV     DX,BX
-t

AX=0000  BX=2000  CX=0000  DX=2000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=010F   NV UP EI PL NZ NA PO NC
073F:010F BA0000        MOV     DX,0000
-t

AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=0112   NV UP EI PL NZ NA PO NC
073F:0112 8B17          MOV     DX,[BX]                         DS:2000=0000
-t

AX=0000  BX=2000  CX=0000  DX=0000  SP=00FD  BP=0000  SI=0000  DI=0040
DS=073F  ES=073F  SS=073F  CS=073F  IP=0114   NV UP EI PL NZ NA PO NC
073F:0114 BA0000        MOV     DX,0000
-
```


AX=0000 BX=2000 CX=0000 DX=0000 SP=00FD BP=0000 SI=0000 DI=0040
DS=073F ES=073F SS=073F CS=073F IP=0117 NV UP EI PL NZ NA PO NC
073F:0117 8B973412 MOV DX,[BX+1234] DS:3234=0000
-t
AX=0000 BX=2000 CX=0000 DX=0000 SP=00FD BP=0000 SI=0000 DI=0040
DS=073F ES=073F SS=073F CS=073F IP=011B NV UP EI PL NZ NA PO NC
073F:011B BA0000 MOV DX,0000
-t
AX=0000 BX=2000 CX=0000 DX=0000 SP=00FD BP=0000 SI=0000 DI=0040
DS=073F ES=073F SS=073F CS=073F IP=011E NV UP EI PL NZ NA PO NC
073F:011E 8B11 MOV DX,[BX+DI] DS:2040=0000
-t
AX=0000 BX=2000 CX=0000 DX=0000 SP=00FD BP=0000 SI=0000 DI=0040
DS=073F ES=073F SS=073F CS=073F IP=0120 NV UP EI PL NZ NA PO NC
073F:0120 BA0000 MOV DX,0000
-_


AX=0000 BX=2000 CX=0000 DX=0000 SP=00FD BP=0000 SI=0000 DI=0040
DS=073F ES=073F SS=073F CS=073F IP=0123 NV UP EI PL NZ NA PO NC
073F:0123 8B913412 MOV DX,[BX+DI+1234] DS:3274=0000
-t