ЛАБОРАТОРНАЯ РАБОТА №1

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```
E:\>MOUNT C C:\
Mounting c:\ is NOT recommended. Please mount a (sub)directory next time.
Drive C is mounted as local directory C:\

E:\>C:

C:\>DEBUG
-Q

C:\>DEBUG
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 C3                  RET
-R AX
AX 0000  :3A7
-R
AX=03A7 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 C3                  RET
-
```

```
-R BX
BX 0000  :92A
-R
AX=03A7 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 C3                  RET
-E 100
06B0:0100  C3.01   00.D8   00.
-R
AX=03A7 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 01D8                ADD     AX,BX
-T
AX=0CD1 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ AC PE NC
06B0:0102 0000                ADD     [BX+SI],AL              DS:092A=00
-
```

```
-R IP
IP 0102  :100
-R
AX=0CD1 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ AC PE NC
06B0:0100 01D8                ADD     AX,BX
-T
AX=15FB BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PO NC
06B0:0102 0000                ADD     [BX+SI],AL              DS:092A=00
-
```

```
-R
AX=15FB BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 01D8            ADD     AX,BX
-E 100
06B0:0100  01.29   D8.D8   00.
-R
AX=15FB BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 29D8            SUB     AX,BX
-T
AX=0CD1 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PE NC
06B0:0102 0000            ADD     [BX+SI],AL                      DS:092A=00
-R IP
IP 0102  :100
-R
AX=0CD1 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PE NC
06B0:0100 29D8            SUB     AX,BX
-T
AX=03A7 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ AC PO NC
06B0:0102 0000            ADD     [BX+SI],AL                      DS:092A=00
-
-R AX
AX 03A7  :0
-R
AX=0000 BX=092A CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ AC PO NC
06B0:0102 0000            ADD     [BX+SI],AL                      DS:092A=00
-R BX
BX 092A  :1
-R
AX=0000 BX=0001 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ AC PO NC
06B0:0102 0000            ADD     [BX+SI],AL                      DS:0001=20
-R IP
IP 0102  :100
-R
AX=0000 BX=0001 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ AC PO NC
06B0:0100 29D8            SUB     AX,BX
-T
AX=FFFF BX=0001 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI NG NZ AC PE CY
06B0:0102 0000            ADD     [BX+SI],AL                      DS:0001=20
-
-E 100
06B0:0100  01.00   D8.C4   00.
-R
AX=FFFF BX=0001 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI NG NZ AC PE CY
06B0:0100 00C4            ADD     AH,AL
-R AX
AX FFFF  :0102
-T
AX=0302 BX=0001 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PE NC
06B0:0102 0000            ADD     [BX+SI],AL                      DS:0001=20
-
```

```
-R IP
IP 0100   :100
-R AX
AX 7C4B   :7C4B
-R BX
BX 0100   :0100
-E 100
06B0:0100  E3.F7   F7.E3   00.
-R
AX=7C4B BX=0100 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PE NC
06B0:0100 F7E3             MUL     BX
-T
AX=4B00 BX=0100 CX=0000 DX=007C SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 OV UP EI PL NZ NA PE CY
06B0:0102 0000             ADD     [BX+SI],AL                    DS:0100=F7
-_
```

```
-R IP
IP 0100   :100
-E 100
06B0:0100  F3.F7   F7.F3   00.
-R
AX=4B00 BX=0100 CX=0000 DX=007C SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 OV UP EI PL NZ NA PE CY
06B0:0100 F7F3             DIV     BX
-R DX
DX 007C   :007C
-R AX
AX 4B00   :4B12
-R
AX=4B12 BX=0100 CX=0000 DX=007C SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 OV UP EI PL NZ NA PE CY
06B0:0100 F7F3             DIV     BX
-T
AX=7C4B BX=0100 CX=0000 DX=0012 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 OV UP EI PL NZ NA PE CY
06B0:0102 0000             ADD     [BX+SI],AL                    DS:0100=F7
-
```

```
-R IP
IP 0102   :100
-R AX
AX 7C4B   :0200
-R DX
DX 0012   :0041
-E 100
06B0:0100  F7.21   F3.CD   00.
-R
AX=0200 BX=0100 CX=0000 DX=0041 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 OV UP EI PL NZ NA PE CY
06B0:0100 21CD             AND     BP,CX
-E 100
06B0:0100  21.CD   CD.21   00.
-R
AX=0200 BX=0100 CX=0000 DX=0041 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 OV UP EI PL NZ NA PE CY
06B0:0100 CD21             INT     21
-T
AAX=0241 BX=0100 CX=0000 DX=0041 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 OV UP EI PL NZ NA PE CY
06B0:0102 0000             ADD     [BX+SI],AL                    DS:0100=CD
-_
```

```
-Q

C:\>DEBUG G
File not found
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 C3                 RET
-_
```

```
-E 100
06B0:0100  C3.CD   21.20   00.
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 CD20                INT    20
-G 102

Program terminated (0000)
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 CD20                INT    20
-G

Program terminated (0000)
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 CD20                INT    20
-
```

```
-E 100
06B0:0100  CD.CD   20.21   00.CD   00.20   00.
-U 100
06B0:0100 CD21                INT    21
06B0:0102 CD20                INT    20
06B0:0104 0000                ADD    [BX+SI],AL
06B0:0106 0000                ADD    [BX+SI],AL
06B0:0108 0000                ADD    [BX+SI],AL
06B0:010A 0000                ADD    [BX+SI],AL
06B0:010C 0000                ADD    [BX+SI],AL
06B0:010E 0000                ADD    [BX+SI],AL
06B0:0110 0000                ADD    [BX+SI],AL
06B0:0112 0000                ADD    [BX+SI],AL
06B0:0114 0000                ADD    [BX+SI],AL
06B0:0116 0000                ADD    [BX+SI],AL
06B0:0118 0000                ADD    [BX+SI],AL
06B0:011A 0000                ADD    [BX+SI],AL
06B0:011C 0000                ADD    [BX+SI],AL
06B0:011E 0000                ADD    [BX+SI],AL
-
```

```
-R AX
AX 0000   :0200
-R DX
DX 0000   :0046
-G
F
Program terminated (0000)
-A 100
06B0:0100 INT 21
06B0:0102 INT 20
06B0:0104
_
```

```
-R AX
AX 0000   :1234
-R DX
DX 0000   :ABCD
-E 100
06B0:0100  CD.D4   21.88   CD.
-R
AX=1234 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 D488              AAM     88
-E 100
06B0:0100  D4.88   88.D4   CD.
-R
AX=1234 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 88D4              MOV     AH,DL
-T
AX=CD34 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PO NC
06B0:0102 CD20              INT     20
-_
```

```
-A 100
06B0:0100 MOV AH,02
06B0:0102
-R
AX=CD34 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PO NC
06B0:0102 CD20              INT     20
-R IP
IP 0102   :100
-R
AX=CD34 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 B402              MOV     AH,02
-T
AX=0234 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0102 NV UP EI PL NZ NA PO NC
06B0:0102 CD20              INT     20
-
```

```
-R IP
IP 0102  :101
-R
AX=0234 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0101 NV UP EI PL NZ NA PO NC
06B0:0101 C1CD20             ROR      BP,20
-E 101
06B0:0101  C1.B4   CD.C1   20.
-R
AX=0234 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0101 NV UP EI PL NZ NA PO NC
06B0:0101 B4C1               MOV      AH,C1
-T
AX=C134 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0103 NV UP EI PL NZ NA PO NC
06B0:0103 2000               AND      [BX+SI],AL                        DS:0000=CD
-_
```
```
-A 100
06B0:0100 MOV AH,02
06B0:0102 MOV DL,2A
06B0:0104 INT 21
06B0:0106 INT 20
06B0:0108
-U 100
06B0:0100 B402               MOV      AH,02
06B0:0102 B22A               MOV      DL,2A
06B0:0104 CD21               INT      21
06B0:0106 CD20               INT      20
06B0:0108 0000               ADD      [BX+SI],AL
06B0:010A 0000               ADD      [BX+SI],AL
06B0:010C 0000               ADD      [BX+SI],AL
06B0:010E 0000               ADD      [BX+SI],AL
06B0:0110 0000               ADD      [BX+SI],AL
06B0:0112 0000               ADD      [BX+SI],AL
06B0:0114 0000               ADD      [BX+SI],AL
06B0:0116 0000               ADD      [BX+SI],AL
06B0:0118 0000               ADD      [BX+SI],AL
06B0:011A 0000               ADD      [BX+SI],AL
06B0:011C 0000               ADD      [BX+SI],AL
06B0:011E 0000               ADD      [BX+SI],AL
-
```
```
-R IP
IP 0103  :100
-R
AX=C134 BX=0000 CX=0000 DX=ABCD SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 B402               MOV      AH,02
-G
*
Program terminated (0000)
-_
```

```
06B0:0100 B402              MOV      AH,02
-A 100
06B0:0100 MOV AH,02
06B0:0102 MOV DL,2A
06B0:0104 INT 21
06B0:0106 INT 20
06B0:0108
-G
*
Program terminated (0000)
-N WRITESTR.COM
-R CX
CX 0000   :8
-W
File not found
-G
*
Program terminated (0000)
-N Writestr.com
-R CX
CX 0000   :8
-W
File not found
-_
```

```
-A 100
06B0:0100 MOV AH,09
06B0:0102 MOV DX,0200
06B0:0105 INT 21
06B0:0107 INT 20
06B0:0109
-G
HellHello, Do, DOS here.OS h
Program terminated (0000)
-R
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0100 NV UP EI PL NZ NA PO NC
06B0:0100 B409              MOV      AH,09
-E 200
06B0:0200  48.48   65.65   6C.6C   6C.6C   48.6F   65.2C   6C.20   6C.44
06B0:0208  6F.4F   2C.53   20.20   44.68   6F.65   2C.72   20.65   44.2E
06B0:0210  4F.24   53.
-G
Hello, DOS here.
Program terminated (0000)
-_
```

```
-D 200
06B0:0200  48 65 6C 6C 6F 2C 20 44-4F 53 20 68 65 72 65 2E  Hello, DOS here.
06B0:0210  24 53 20 68 65 72 65 2E-4F 53 20 68 24 65 72 65  $S here.OS h$ere
06B0:0220  2E 24 00 00 00 00 00 00-00 00 00 00 00 00 00 00  .$..............
06B0:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
06B0:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
06B0:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
06B0:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
06B0:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
-_
```