

Gcd(50,15):

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Program: CV

File Edit Search Run Data Options Calls Windows Help

[11] locals

[3] source1 CS:IP

```
06BB:0016 A30200 MOV WORD PTR [0002],AX
06BB:0019 5A POP DX
06BB:001A 5B POP BX
06BB:001B 58 POP AX
06BB:001C C3 RET
06BB:001D 51 PUSH CX
06BB:001E 83F900 CMP CX,00
```

[5] memory1 b DS:0

```
06C0:0000 CD 21 05 00 D0 0B D2 04 DC 04 2C 00 7E 30 41 1F =f.4
06C0:0010 BF 38 00 26 C7 05 4C 1F BF 40 00 26 C7 05 57 1F 78.&
06C0:0020 BF 48 00 26 C7 05 5F 1F BF 50 00 26 C7 05 6A 1F 7H.&
```

[9] command

```
CU1053 Warning: TOOLS.INI not found
CU0101 Warning: no CodeView information for 'C:\MASM\BIN\gcd.exe'
>
```

<F8=Trace> <F10=Step> <F5=Go> <F3=S1 Fmt> <Sh+F3=M1 Fmt> DEC

ArrGCD(3024, 1234, 1244, 44, 12414):

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Program: CV

File Edit Search Run Data Options Calls Windows Help

[11] locals

[3] source1 CS:IP

```
06BB:0042 8B04 MOV AX,WORD PTR [SI]
06BB:0044 E8D6FF CALL 001D
06BB:0047 B8004C MOV AX,4C00
06BB:004A CD21 INT 21
06BB:004C 0000 ADD BYTE PTR [BX+SI],AL
06BB:004E D00B ROR BYTE PTR [BP+DI],1
06BB:0050 D204 ROL BYTE PTR [SI],CL
```

[5] memory1 b DS:0

```
06BF:0000 00 49 8B 04 E8 D6 FF B8 00 4C CD 21 02 00 D0 0B .IY+2
06BF:0010 D2 04 DC 04 2C 00 7E 30 BF 30 00 26 C7 05 41 1F 78.&
06BF:0020 BF 38 00 26 C7 05 4C 1F BF 40 00 26 C7 05 57 1F 78.&
```

[9] command

```
CU1053 Warning: TOOLS.INI not found
CU0101 Warning: no CodeView information for 'C:\MASM\BIN\gcd.exe'
>
```

<F8=Trace> <F10=Step> <F5=Go> <F3=S1 Fmt> <Sh+F3=M1 Fmt> DEC

exPrefix(2021h):

```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: EXPREFIX
(FreeDos) C:\MASM\BIN>cv asm.exe
Microsoft CodeView 4.01
Copyright (c) 1986-1992 Microsoft Corp. All rights reserved.
Usage: cv [options] file [arguments]
Valid options:
  @<response> 8225
  /B /C<command> /F /I /L<name> /M /N /S /TSF /25 /43 /50 /2
(FreeDos) C:\MASM\BIN>cv gcd.exe
(FreeDos) C:\MASM\BIN>cv gcd.exe
(FreeDos) C:\MASM\BIN>ml /Zm exPrefix.asm
Microsoft (R) Macro Assembler Version 6.11
Copyright (C) Microsoft Corp 1981-1993. All rights reserved.

Assembling: exPrefix.asm

Microsoft (R) Segmented Executable Linker Version 5.31.009 Jul 13 1992
Copyright (C) Microsoft Corp 1984-1992. All rights reserved.

Object Modules [l.obj]: exPrefix.obj
Run File [exPrefix.exe]: "exPrefix.exe"
List File [nul.map]: NUL
Libraries [.lib]:
Definitions File [nul.def]:
(FreeDos) C:\MASM\BIN>exPrefix.exe
```