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emu8086 - assembler and microprocessor emulator 4.05
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01 include "emu8086.inc"
02 .model small
03 .stack
04 .data
05     n dw 30
06     m dw 25
07     us dw ?
08 .code
09 main proc
10     mov ax, @data
11     mov ds, ax
12     push m
13     push n
14     call uscln
15     mov us, ax
16     call print_num_uns
17
18     mov ah, 4ch
19
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```

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17
18     mov ah, 4ch
19     int 21h
20 main endp
21 uscln proc
22     push bp
23     mov bp, sp
24     push bx
25     mov ax, [bp+4]
26     mov bx, [bp+6]
27 while:
28     cmp ax, bx
29     je endw
30     cmp ax, bx
31     jbe ifsai
32     sub ax, bx
33     jmp endif
34 ifsai:
35
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```
32      sub ax, bx
33      jmp endif
34  ifsai:
35      sub bx, ax
36  endif:
37      jmp while
38  endw:
39      pop bx
40      pop bp
41      ret 4
42  uscln endp
43      define_print_num_uns
44  end
```

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sth emulator screen (79x25 chars)

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