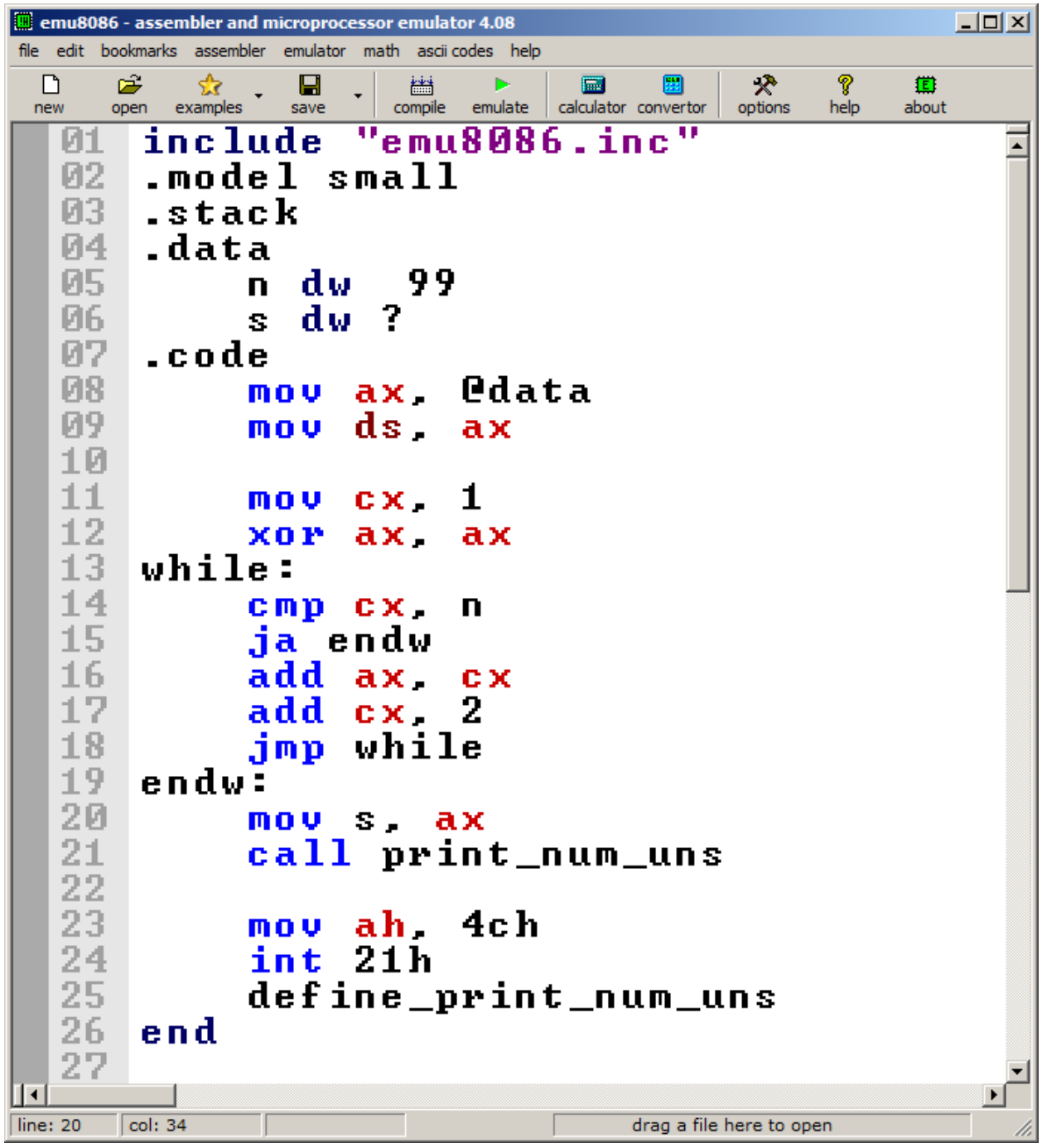
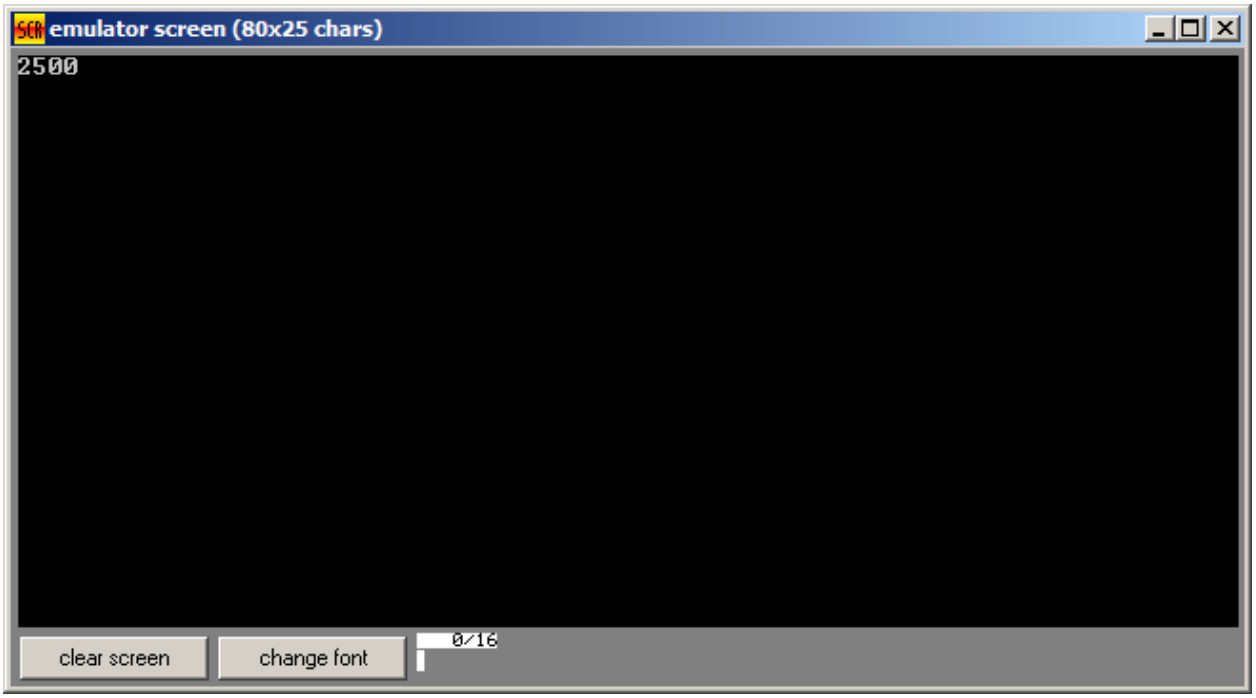
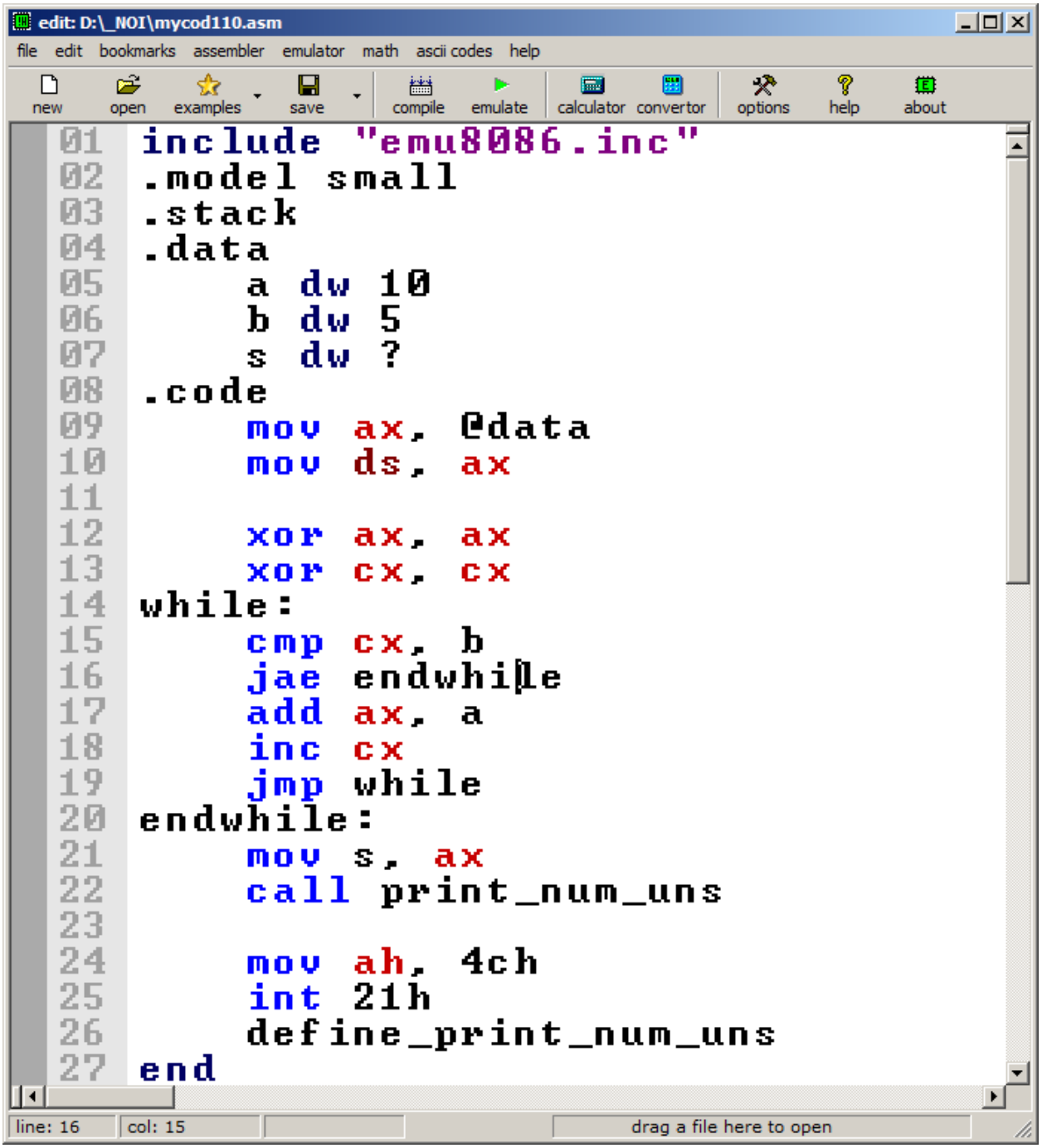
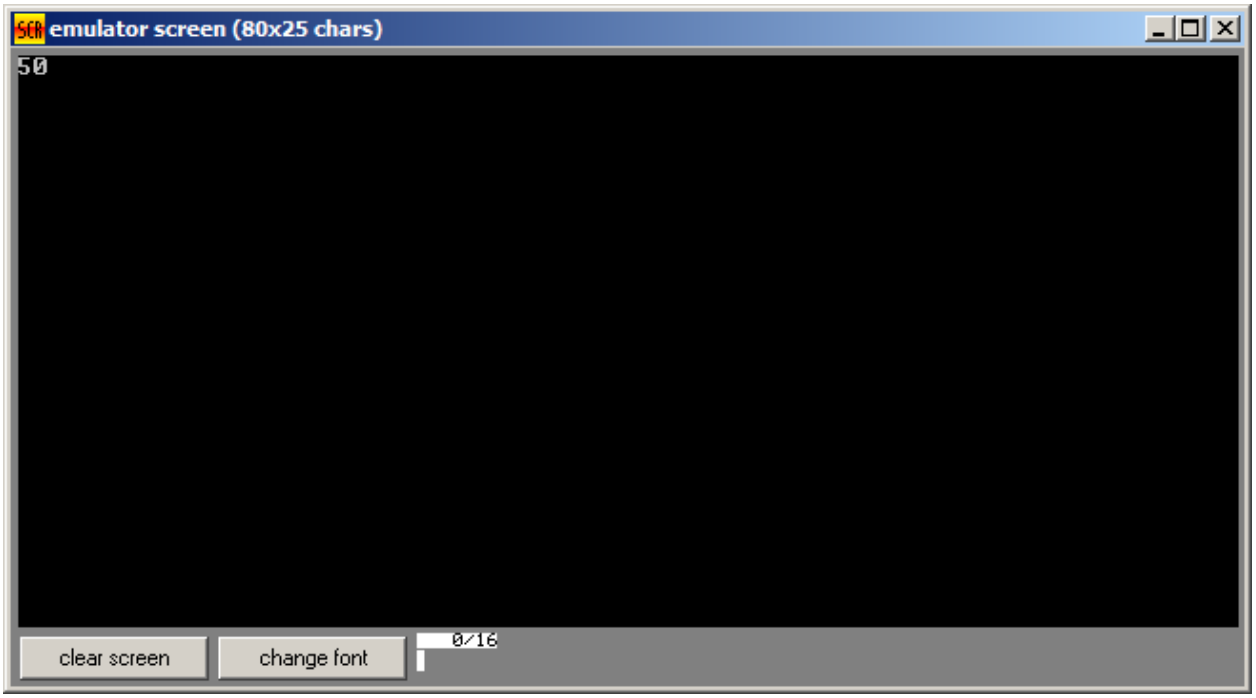
Tổng các số lẻ <=99



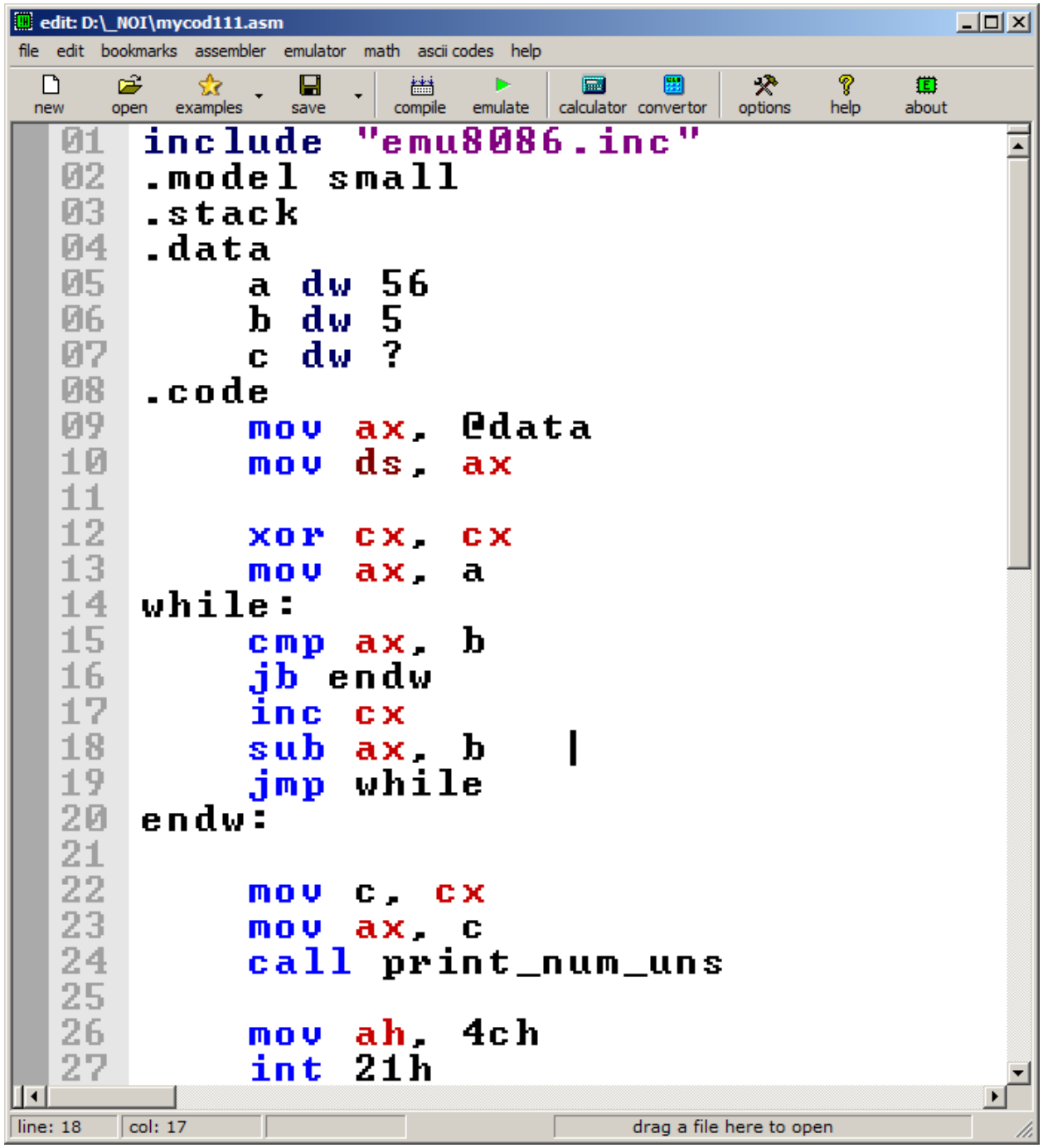


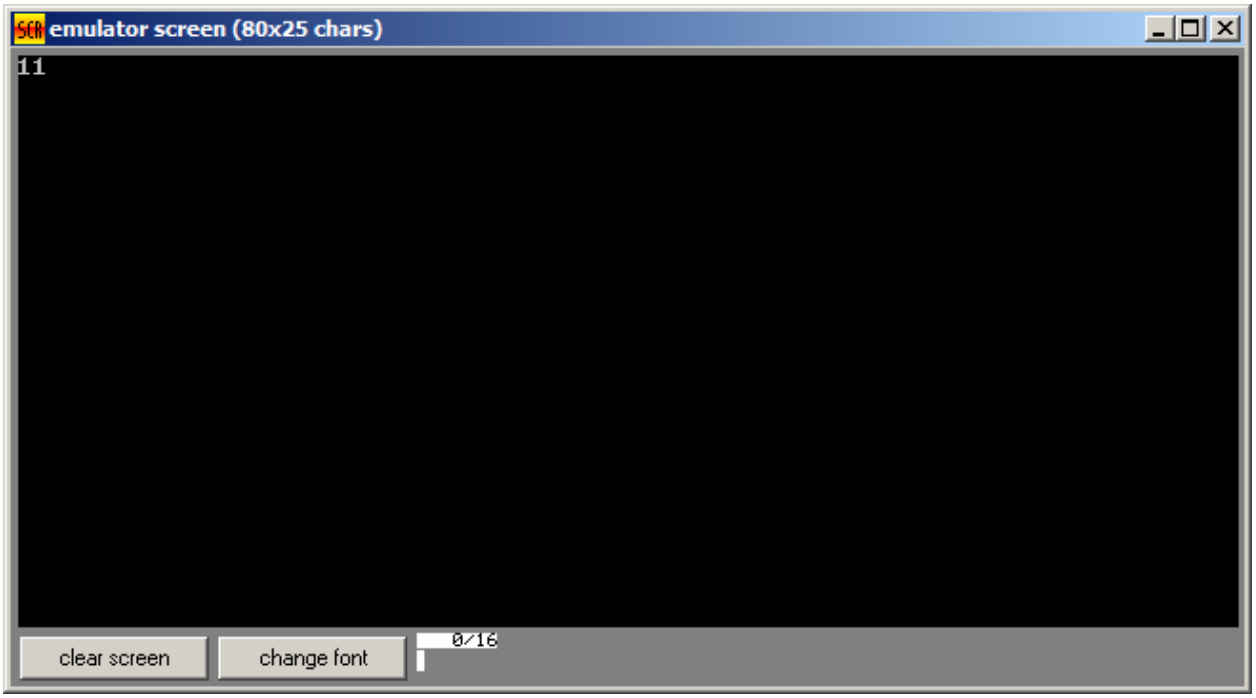
Giả lập phép nhân bằng phép cộng:


edit: D:_NOI\mycod110.asm
file edit bookmarks assembler emulator math ascii codes help
new open examples save compile emulate calculator convertor options help about
01 include "emu8086.inc"
02 .model small
03 .stack
04 .data
05 a dw 10
06 b dw 5
07 s dw ?
08 .code
09 mov ax, @data
10 mov ds, ax
11
12 xor ax, ax
13 xor cx, cx
14 while:
15 cmp cx, b
16 jae endwhile
17 add ax, a
18 inc cx
19 jmp while
20 endwhile:
21 mov s, ax
22 call print_num_uns
23
24 mov ah, 4ch
25 int 21h
26 define_print_num_uns
27 end
line: 16
col: 15
drag a file here to open

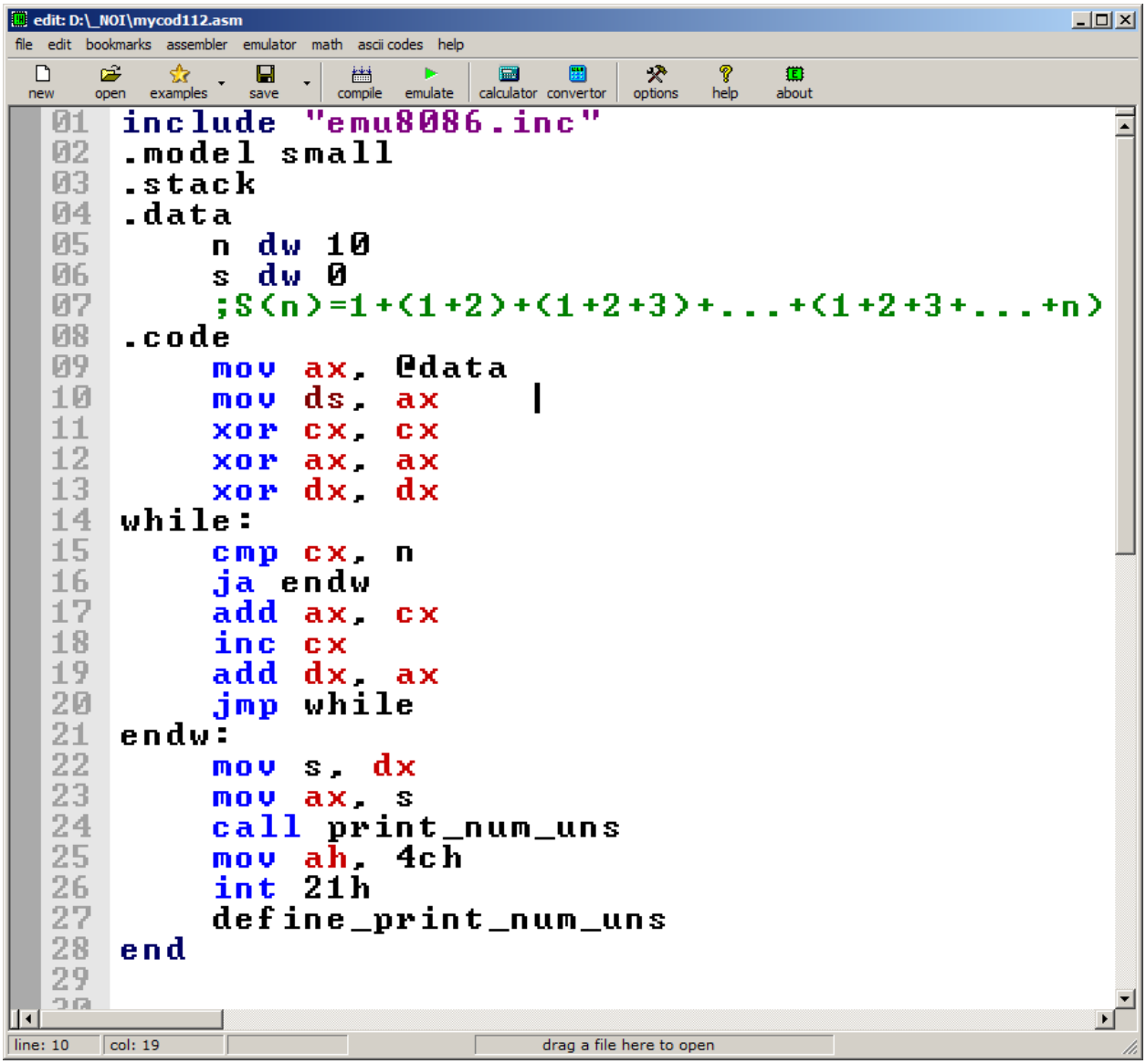


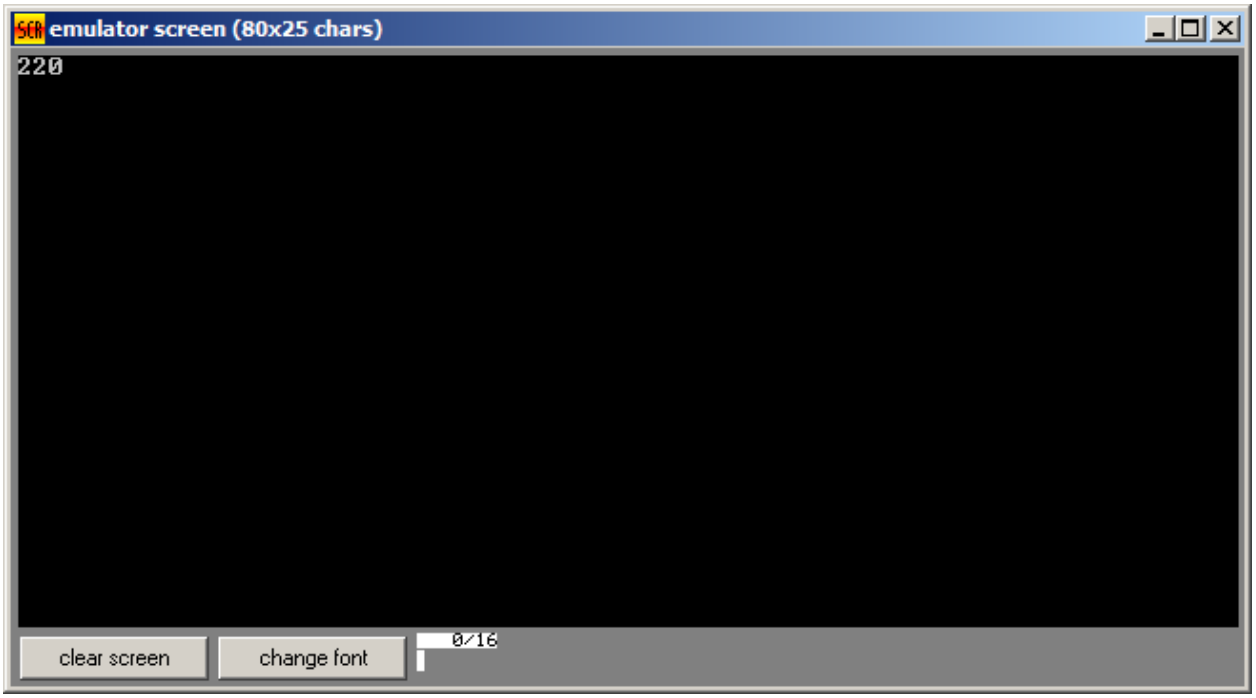
Giả lập phép chia bằng phép trừ:


edit: D:_NOI\mycod111.asm
file edit bookmarks assembler emulator math ascii codes help
new open examples save compile emulate calculator convertor options help about
01 include "emu8086.inc"
02 .model small
03 .stack
04 .data
05 a dw 56
06 b dw 5
07 c dw ?
08 .code
09 mov ax, @data
10 mov ds, ax
11
12 xor cx, cx
13 mov ax, a
14 while:
15 cmp ax, b
16 jb endw
17 inc cx
18 sub ax, b
19 jmp while
20 endw:
21
22 mov c, cx
23 mov ax, c
24 call print_num_uns
25
26 mov ah, 4ch
27 int 21h
line: 18
col: 17
drag a file here to open



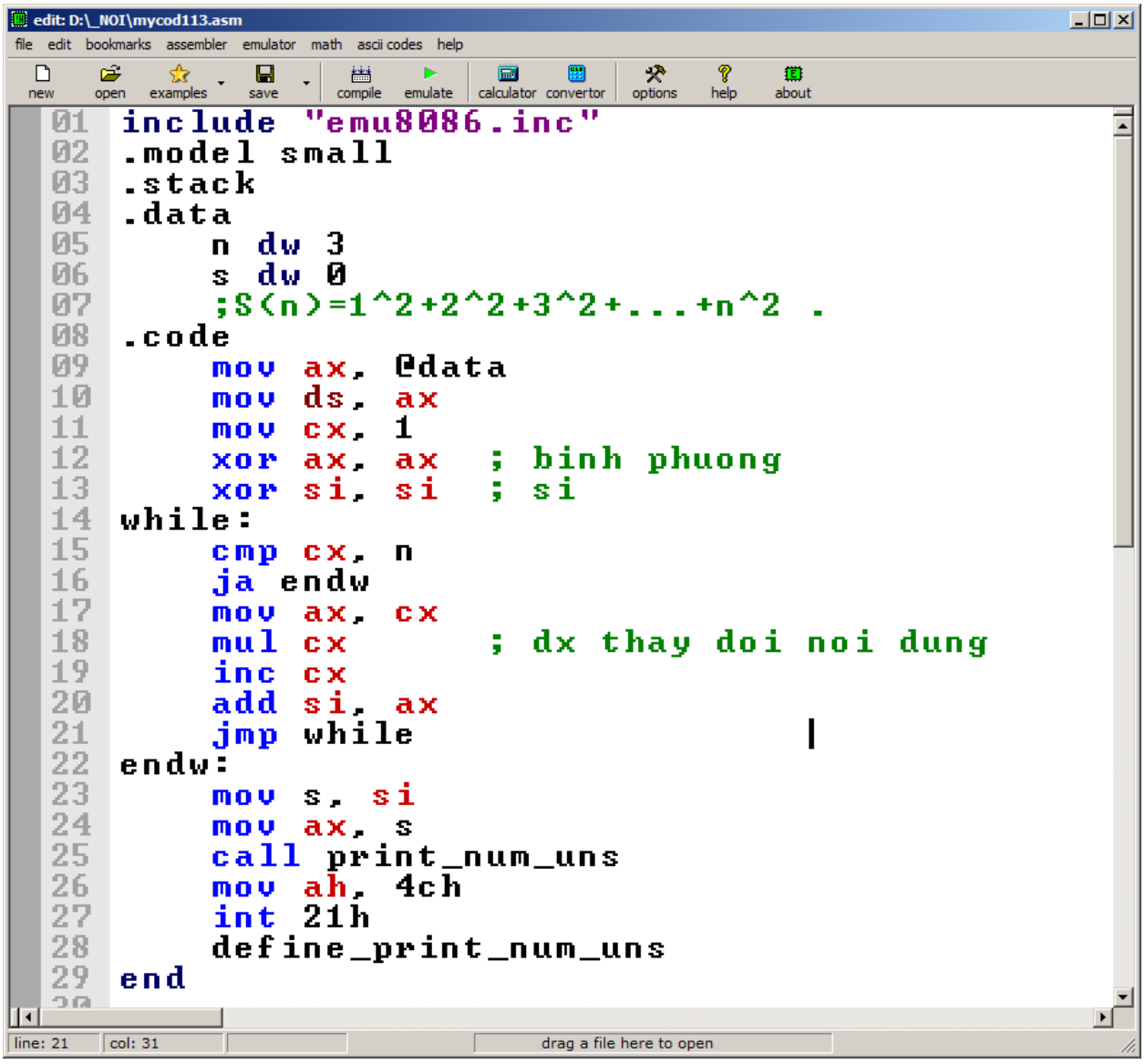
Bài 1d. S(n)=1+(1+2)+(1+2+3)+...+(1+2+3+...+n).

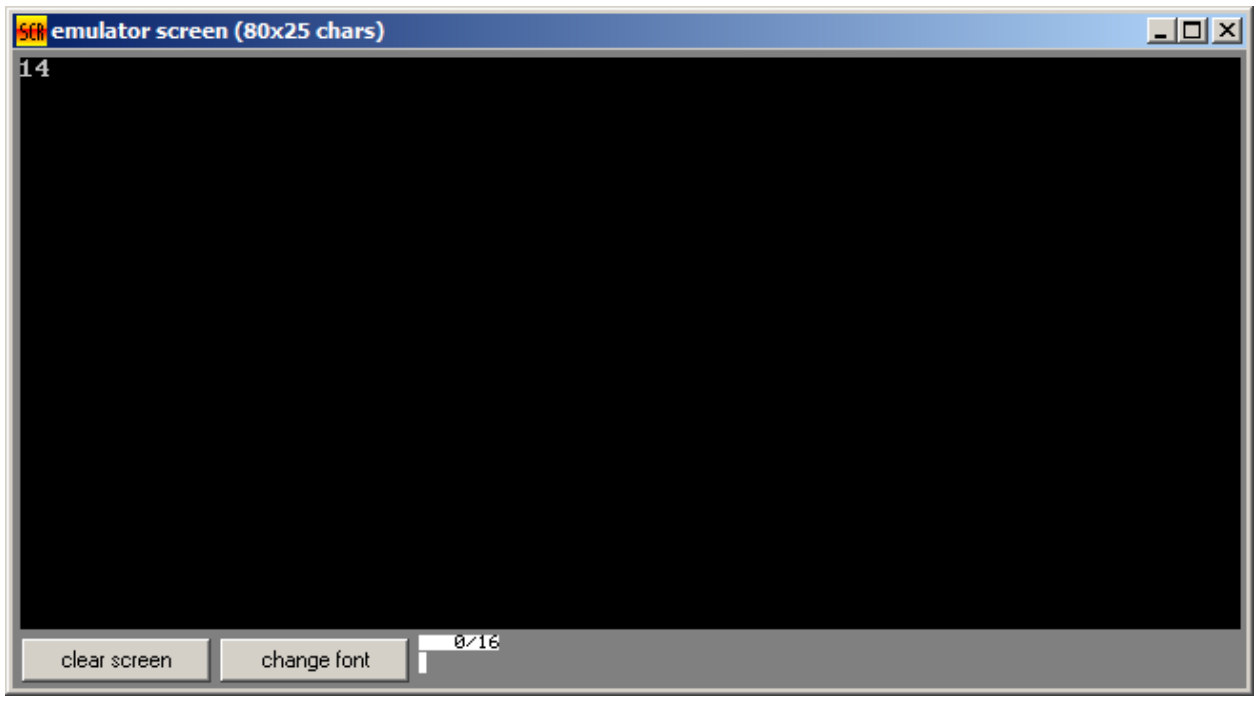

edit: D:_NOI\mycod112.asm
file edit bookmarks assembler emulator math ascii codes help
new open examples save compile emulate calculator convertor options help about
01 include "emu8086.inc"
02 .model small
03 .stack
04 .data
05 n dw 10
06 s dw 0
07 ;S(n)=1+(1+2)+(1+2+3)+...+(1+2+3+...+n)
08 .code
09 mov ax, @data
10 mov ds, ax
11 xor cx, cx
12 xor ax, ax
13 xor dx, dx
14 while:
15 cmp cx, n
16 ja endw
17 add ax, cx
18 inc cx
19 add dx, ax
20 jmp while
21 endw:
22 mov s, dx
23 mov ax, s
24 call print_num_uns
25 mov ah, 4ch
26 int 21h
27 define_print_num_uns
28 end
29
line: 10
col: 19
drag a file here to open



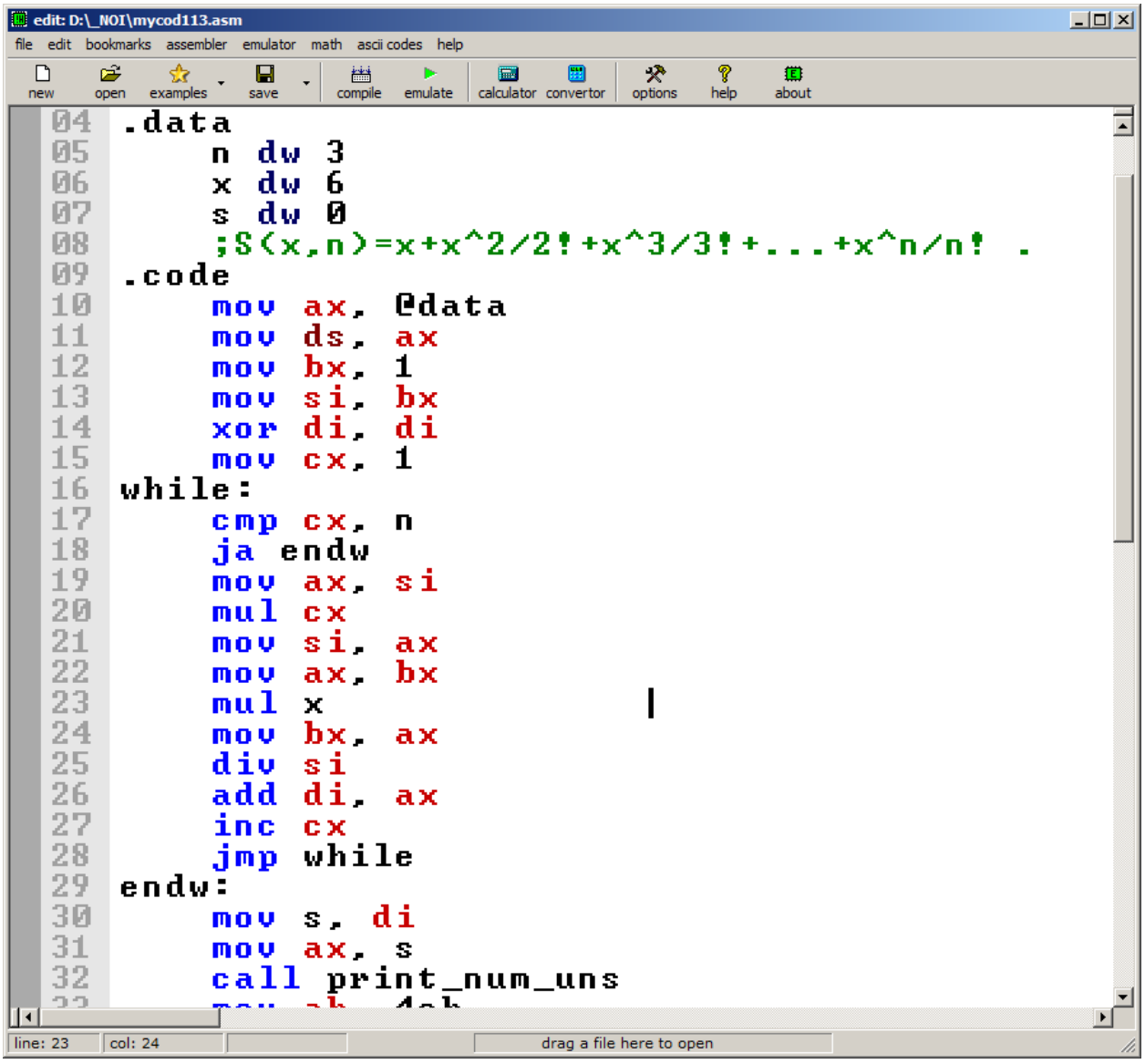
Bài 2a

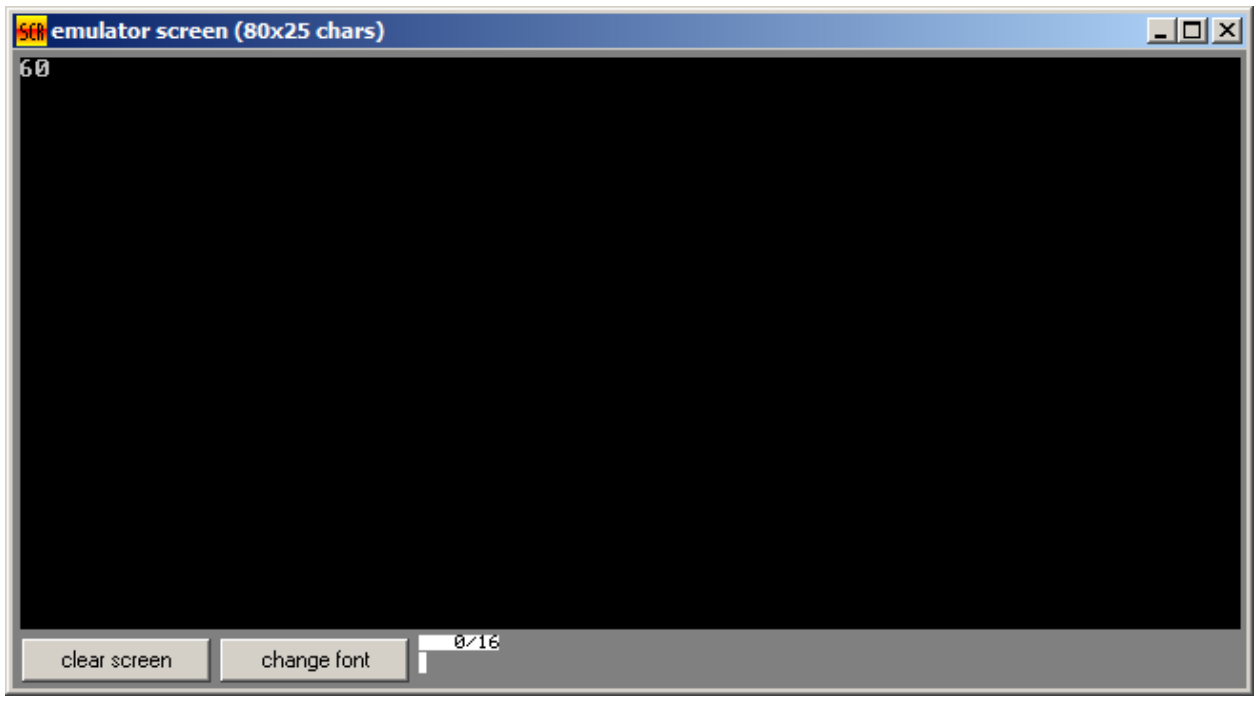
S(n)=1^2+2^2+3^2+...+n^2 .


edit: D:_NOI\mycod113.asm
file edit bookmarks assembler emulator math ascii codes help
new open examples save compile emulate calculator convertor options help about
01 include "emu8086.inc"
02 .model small
03 .stack
04 .data
05 n dw 3
06 s dw 0
07 ;S(n)=1^2+2^2+3^2+...+n^2 .
08 .code
09 mov ax, @data
10 mov ds, ax
11 mov cx, 1
12 xor ax, ax ; binh phuong
13 xor si, si ; si
14 while:
15 cmp cx, n
16 ja endw
17 mov ax, cx
18 mul cx ; dx thay doi noi dung
19 inc cx
20 add si, ax
21 jmp while
22 endw:
23 mov s, si
24 mov ax, s
25 call print_num_uns
26 mov ah, 4ch
27 int 21h
28 define_print_num_uns
29 end
line: 21
col: 31
drag a file here to open


emulator screen (80x25 chars)
14
clear screen
change font
0/16

Bài 5f. S(x,n)=x+x^2/2!+x^3/3!+...+x^n/n! .




emulator screen (80x25 chars)
60
clear screen
change font
0/16