I3 equ \$-m3

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	PKN: F19111151		
%macro print 2			
	mov rax,01		
	mov rdi,1		
	mov rsi,%1		
	mov rdx,%2		
	syscall		
%endmacro			
section .data			
srcblk d	b 10h,20h,30h,40h,50h		
dstblk db 60h,61h,62h,63h,64h			
m0 db 10,13, "Overlapping BDT with string instructions", 10,13			
l0 equ \$-m0			
m1 db 1	.0,13," Source Block: ",10,13		
l1 equ \$	l1 equ \$-m1		
m2 db 1	.0," Destinition Block Before Transfer: ",10,13		
l2 equ \$	-m2		
-			
m3 db 1	.0," Destinition Block After Transfer: ",10,13		

print m3,l3

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	PKN. F19111131		
space db " "			
newline db 0xa			
newine ub oxa			
section .bss			
input resb 01			
choice resb 01			
count resb 01			
count1 resb 01			
section .text			
global _start			
_start:			
_			
menu:			
print m0,l0			
,			
print m1,l1			
mov rsi,srcblk			
call disp_block			
print m2,l2			
mov rsi,dstblk			
call disp_block			

mov rcx,02

mov rsi,srcblk

mov rdi,dstblk

cld

s1: movsb

s2:

loop s1

mov rcx,03

movsb

loop s2

mov rsi,srcblk

mov rsi,dstblk

call disp_block

print newline,1

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stop:

mov rax,60

xor rdi,rdi

syscall

disp_block:

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	mov rbp,05
	back: mov al,[rsi]
	push rsi
	mov bl,al
	call disp_8
	print space,1
	pop rsi
	inc rsi
	dec rbp
	jnz back
ret	
disp_8	:
	mov dl,bl
	and dl,0f0h
	rol dl,04
	cmp dl,09h
	jbe skip
	add dl,07h
skip:	add dl,30h
	mov byte[count],dl

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and bl,0fh
cmp bl,09h
jbe skip1

add bl,07h

skip1:
add bl,30h

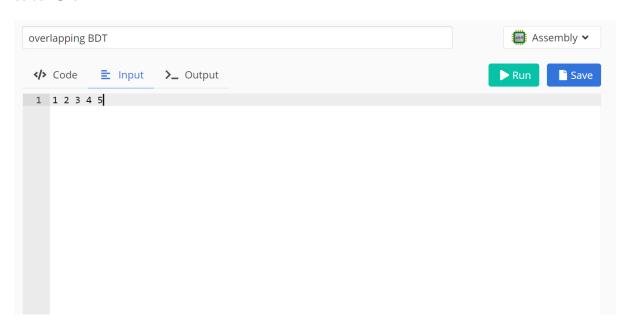
mov byte[count1],bl

print count,01

ret

INPUT

print count1,01



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OUTPUT:

