```
Chush-4.15 gdb samdbox

ONU gdb (ODD) Ned Hat Enterprise Linux (7.2-98.e16)

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This is free Sortware: you are free to change and redistribute it.

Def "how wormany for Gaslis."

Hard "how wormany for Gaslis."

For bug reporting instructions, please see:

Reading symbol: from /arofinue/dar-endar-linux-gramming Assignments/PAD2/samdbox...dome.

(gdb) terms. "start=1
(gdb) disassemble_size file samdbox.asm, line 7.

Ggb) set disassemble_size file samdbox.asm, line 7.

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Eng of assembler dump.

Starting program: /ulofohume/student-u88/tanusanr/Programming Assignments/PAB2/sandbox

Breakpoint 1. _start () as sandbox.asm2

Breakpoint 2. _start () as sandbox.asm2

Breakpo
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```
SECTION .data
SECTION .bss
SECTION .text
global _start
_start:
nop; This no-op keeps gdb happy...
mov eax,4; Specify sys_write call
mov ebx,1; Specify File Descriptor 1: Standard Output
```

mov al,01101111b; copying 01101111b to the al registers and al,00101101b; sets al to be 01101111b

mov al,6Dh; copying 6Dh to the al register and al,4Ah; ands 4Ah to 6Dh which should give B7h

mov al,00001111b; copying 00001111b to the al register or al,61h; or-ing 00001111b with 61h, which should give

70h/01110000h

mov al,94h; copying 94h to the al register xor al,37h xor-ing 94h with 37h, which should give A3h

mov al,7Ah; copying 7Ah to the al register sub al,67h; subtracts 7Ah with 67h, which should give 13h

mov al,3Dh; copying 3Dh to the al register add al,34h; adding 3Dh with 34h, which should give 71h

mov al,9Bh; copying 9B to the al register not al; reverses the bits in al register

mov al,37h; copying 37h to the al register neg al; makes the value in al to negative with 2's complement,

which should give 9h

int 80H; Make kernel call

mov eax,1; Code for Exit Syscall mov ebx,0; Return a code of zero

int 80H; Make kernel call

This is the code I ran, I have comented behind what each line is supposed to do / what I think it does. The result was that it exited normally. I ran all of them at once because when I ran them individually some of them started to hang.