

Activities ebe ▼

Tue 09:15

ebe

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Data

Name	Type	Value
globals		
-stack	unsigned long * 7ffff76bb	400bb0
main		

Registers

rax 0x400bb0	rsi 0x7fffffffffffa8
rbx 0x0	rdi 0x1
rcx 0x0	rbp 0x400be0
rdx 0x7fffffffffffb8	rsp 0x7fffffffffffc8
r10 0x400b00	eflags 0x0

Terminal

Input Clear output

Console

0x7fffffffffffd8: 0xa8 0xe1

0xff 0xff 0xff 0x7f

0x00 0x00

0x7ffffffffffe0: 0x00 0x00

0x00 0x00 0x01 0x00

0x00 0x00

0x7ffffffffffe8: 0xb0 0xb0

0x40 0x00 0x00 0x00

0x00 0x00

0x7fffffffffff0: 0x00 0x00

0x00 0x00 0x00 0x00

0x00 0x00

0x7fffffffffff8: 0x33 0xee

0x72 0xbe 0x1c 0xab

0x35 0xc4

0x7ffffffffff100: 0x80 0x09

0x40 0x00 0x00 0x00

0x00 0x00

(gdb)

frame 0

#0 0x0000000000400bb0 in main ()

(gdb)

gdb command

Command line

hello.asm hello.asm cse313/hello.s hello.asm cse313/hello.s hello.asm hello.s

```
1      segment .data
2  msg: db 'Hello World!',0x0a
3  len: equ $-msg
4
5      segment .text
6  global main
7  extern write, exit
8
9  main:
10     push rbp
11     mov rbp, rsp
12
13     mov edx, len
14     lea rsi, [msg]
15     mov edi, 1
16     call write
17
18     xor edi, edi
19     call exit
```

0.5

123

abc

line 3, column 24