

FileEditMoveViewFontHelp

Desktop/Cse313/Lab3/Lab3.asm

22 SC: dd 0.0

23 SC1: dd 0.0

24 LEN: db 0

25

26

27 section .text

28 global main ;Tell linker about main

29 extern write, exit

30

31 main: mov rbp, rsp ; for correct debugging

32 push rbp

33 mov rbp, rsp

34

35 lea rsi, [L1] ; Write Out SA

36 call MYLABEL

37 mov rbx, [SA]

38 mov eax, 8

39 call TOHEX

40 mov eax, 9

41 call MYWRITE

42

43 lea rsi, [L2] ; Write Out DA

44 call MYLABEL

45 mov rbx, [DA]

46 mov eax, 16

47 call TOHEX

48 mov eax, 17

49 call MYWRITE

50

51 lea rsi, [L3] ; Write Out SPI

52 call MYLABEL

53 mov rbx, [SPI]

54 mov eax, 8

55 call TOHEX

56 mov eax, 9

57 call MYWRITE

58

59 lea rsi, [L4] ; Write Out DPI

60 call MYLABEL

61 mov rbx, [DPI]

62 mov eax, 16

63 call TOHEX

64 mov eax, 17

65 call MYWRITE

66

67 lea rsi, [L5] ; Write Out SB

68 call MYLABEL

69 mov rbx, [SB]

70 mov eax, 8

71 call TOHEX

72 mov eax, 9

Registers

rax	0	rsi	0	r8	0	r12	0
rbx	0	rdi	0	r9	0	r13	0
rcx	0	rbp	0	r10	0	r14	0
rdx	0	rsp	0	r11	0	r15	0
rip	0	eflags	0		0		0

Terminal

SA : 43FA27F0
DA : 407F44FDF3B645A2
SPI: 40490FDB
DPI: 400921FB54442D18
SB : 49B1BC00
DB : 4136378000000000
SC : 000000004E2DAD52
EX1: 0000000041A00000
EX2: 0000000041A00000
2a : 10111110011000000000000000000000
EXP: 0000000020

Input Clear output

>>> cin

<<< cout

0.5

123

abc

{ }

File

< >