Assembly Language Lecture Series:

x86-64 Introduction to SASM: Register

Sensei RL Uy, College of Computer Studies, De La Salle University, Manila, Philippines

Copyright Notice

This lecture contains copyrighted materials and is use solely for instructional purposes only, and not for redistribution.

Do not edit, alter, transform, republish or distribute the contents without obtaining express written permission from the author.

PRINT_DEC (decimal output)

Syntax: PRINT_DEC size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

address

Note:

Print number data in signed decimal representation

Example:

PRINT DEC 4, eax

PRINT_UDEC (decimal output)

Syntax: PRINT_UDEC size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

address

Note:

Print number data in unsigned decimal representation

Example:

PRINT UDEC 4, eax

PRINT_HEX (hexadecimal output)

Syntax: PRINT_HEX size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

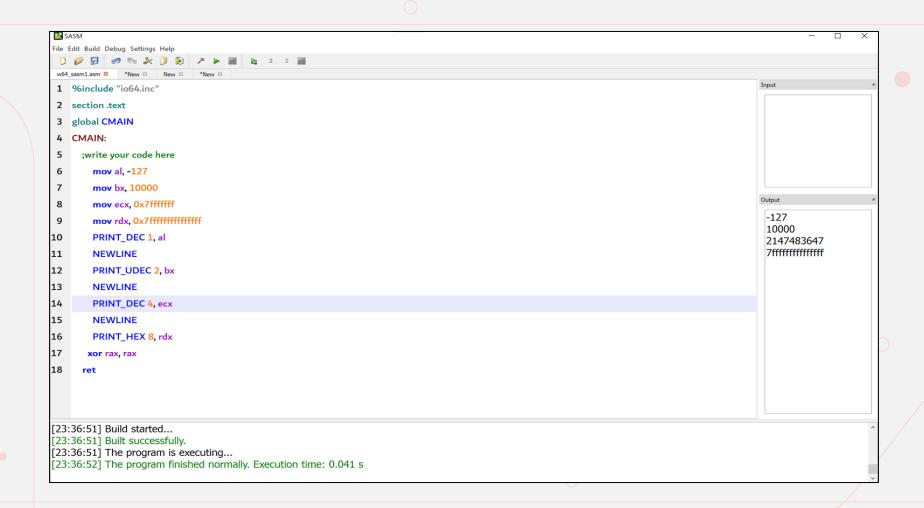
address

Note:

Print number data in hexadecimal representation

Example:

PRINT_HEX 4, eax



GET_DEC (decimal input)

Syntax: GET_DEC size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

address

Note:

 Input number data in signed decimal representation from stdin (command line interface) or input window (SASM)

Example:

GET DEC 4, eax

GET_UDEC (decimal input)

Syntax: GET_UDEC size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

address

Note:

 Input number data in unsigned decimal representation from stdin (command line interface) or input window (SASM)

Example:

GET_UDEC 4, eax

GET_HEX (hexadecimal input)

Syntax: GET_HEX size, data

size: size of data in bytes

data: number or symbol constant,

name of variable, register or

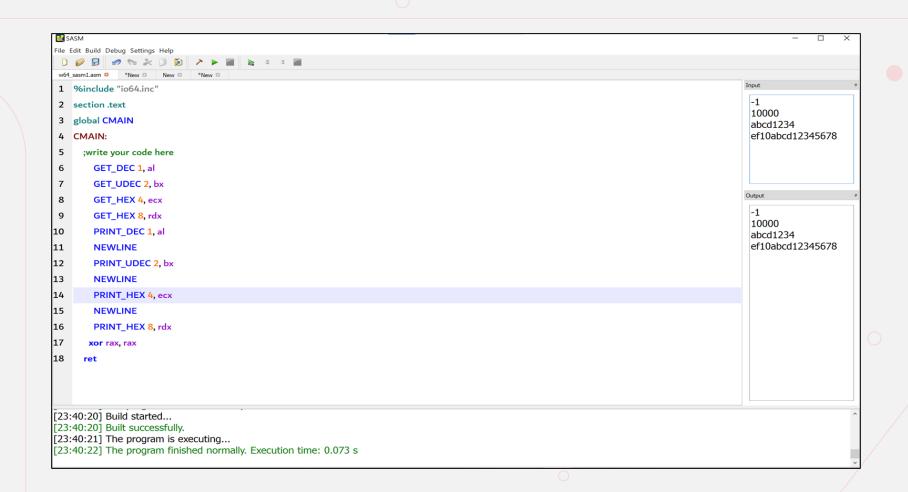
address

Note:

 Input number data in hexadecimal representation from stdin (command line interface) or input window (SASM)

Example:

GET_UDEC 4, eax



GET_CHAR (character input)

Syntax: GET_CHAR data

data: name of variable, register or address

Note:

Input 1 character and store to data

Example:

GET_CHAR al

