

* db \Rightarrow define byte (8 bit)

dw \Rightarrow define word (16 bit)

* var db ? / '5'

without ~~allocat~~ initialization

name of variable

value assign

* var equ '5'

for constant variable, can't be change

* num db '1', '2', '3', 0

initialized with character, ASCII value will be store

num db 1, 2, 3, 0

include this always to define the end of the array

0 = NULL ASCII char.

Direct value store

* num db 5 dup (?)

array size

duplicate, insert value given on the bracket. repeat 'array size' times.

* add [si], '5'

offset refers a location in the data segment