









id: 2
kind: TXT\_VAL
data.int\_val:
data.dbl\_val: Fredo
data.txt\_val:

INT VAL

id:	63
kind:	DBL_VAL
data.int_val:	
data.dbl_val:	3.1415□
data.txt val:	

10.0 -5 17.21 25.1



73

## Func or Proc

val:

5

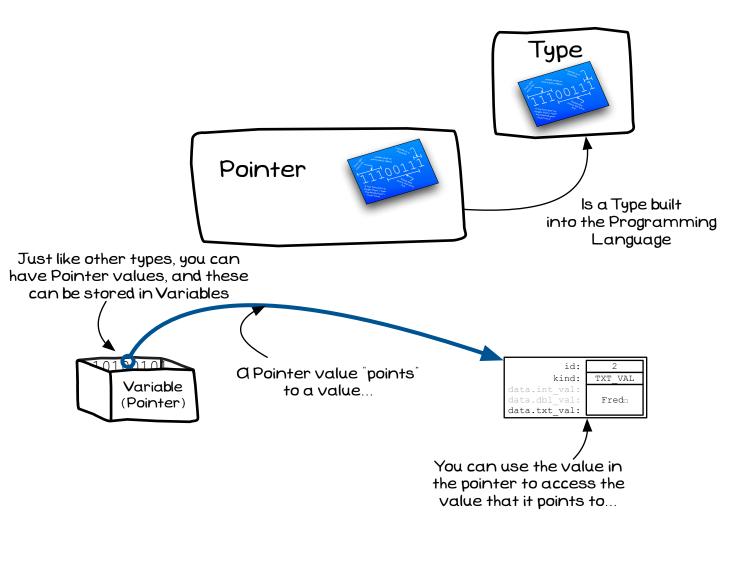
Instruction: S

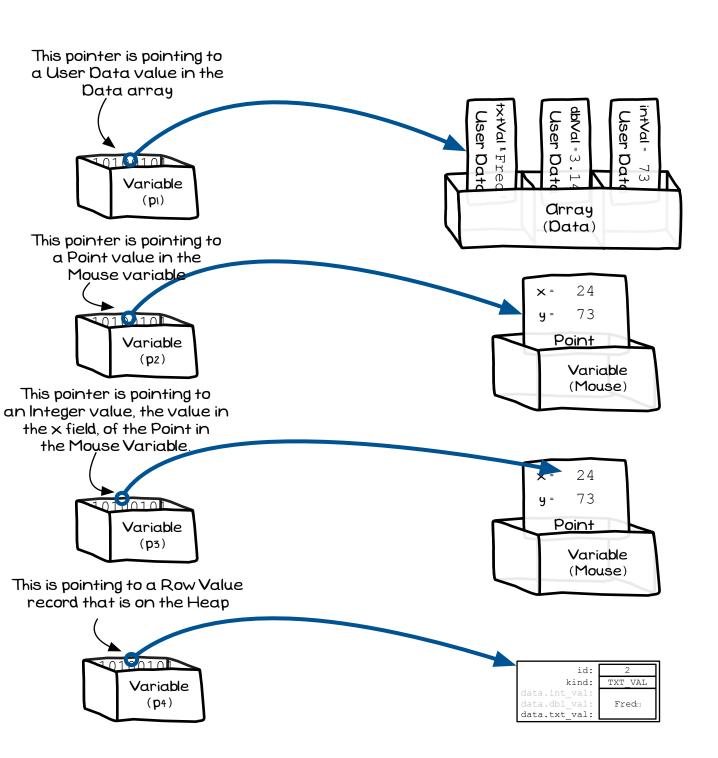
Step 2

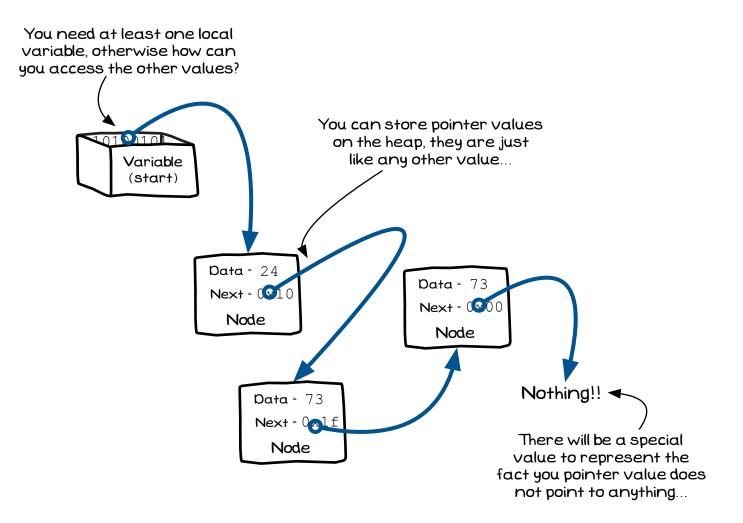


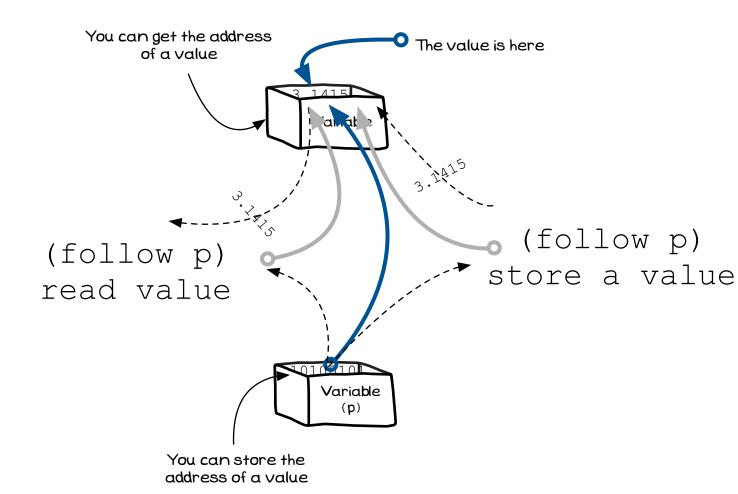


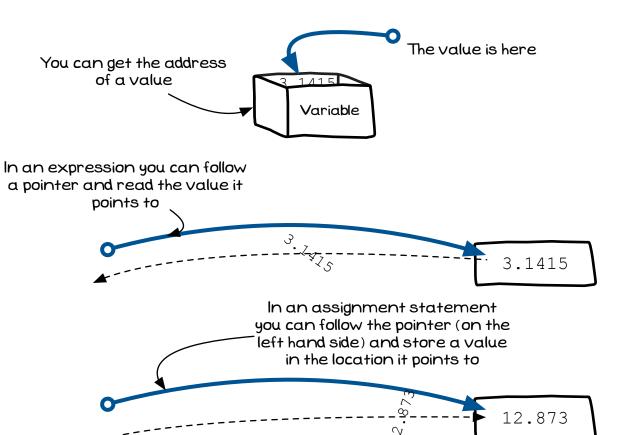


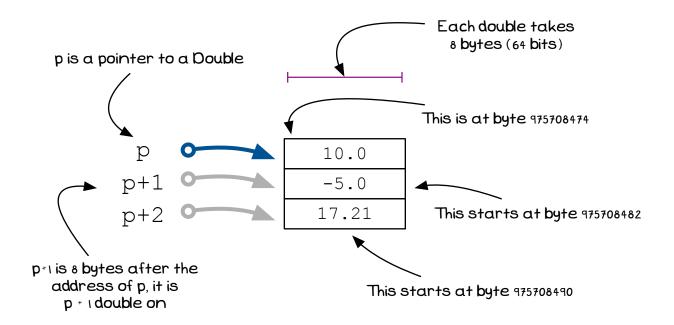




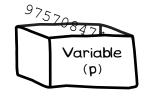


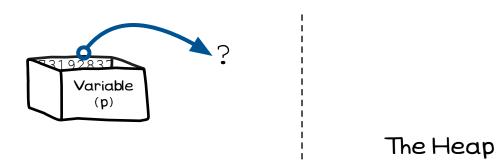






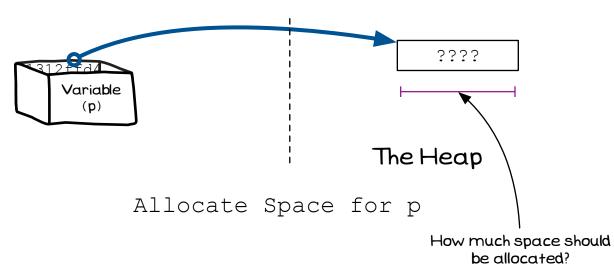
This value stored in p is 975708474, the address of where the value is stored

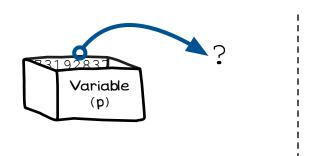




Create p, a Pointer to ...

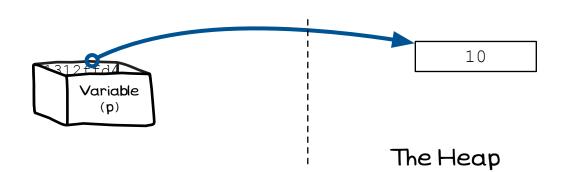
.....



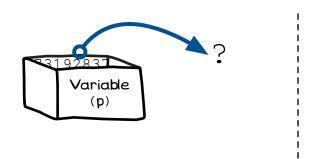


## The Heap

Create p, a Pointer to an Integer

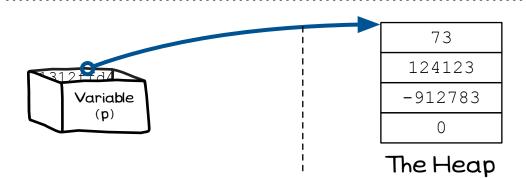


Allocate Space for what p points to (an Integer)

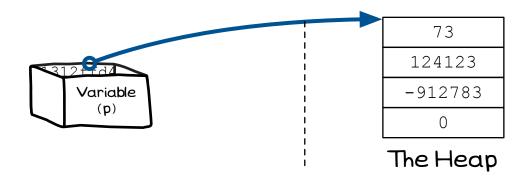


## The Heap

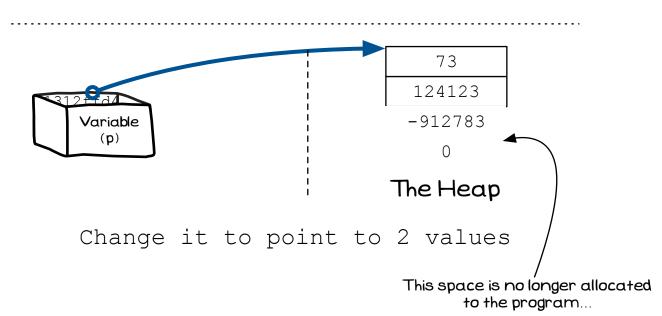
Create p, a Pointer to an Integer

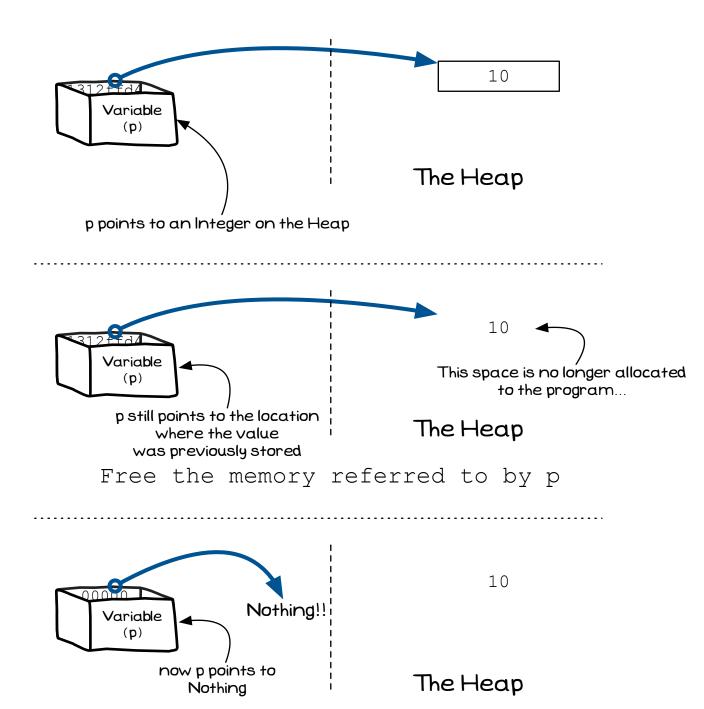


Allocate Space for 4 Integer values

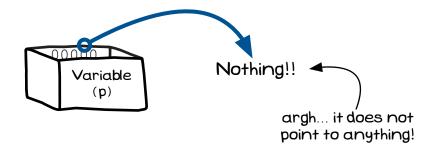


p points to 4 Integer value

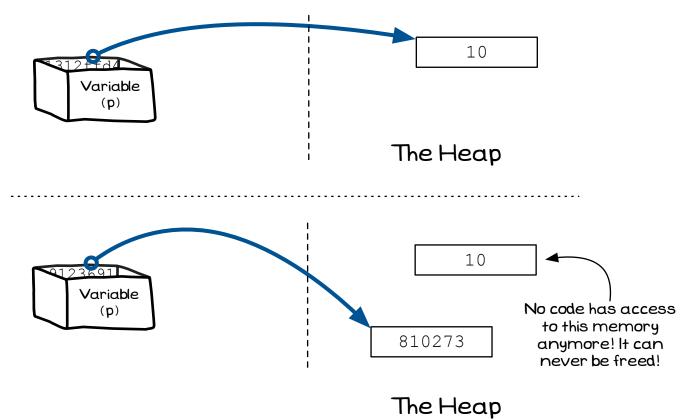




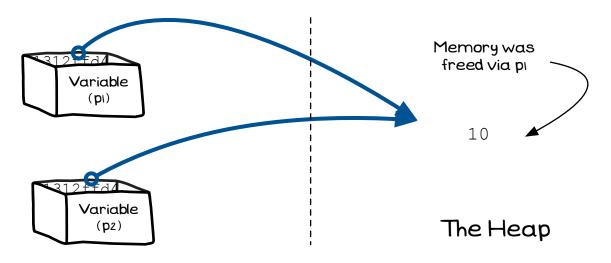
Set p to point to Nothing!



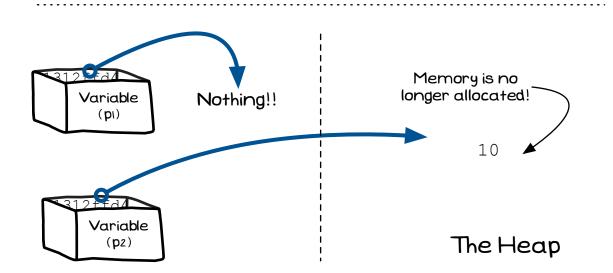
Follow the Pointer p, and ...



Allocate some memory, and point p at it



Free memory at p1



Set p1 to point to Nothing Read memory at p2 ...