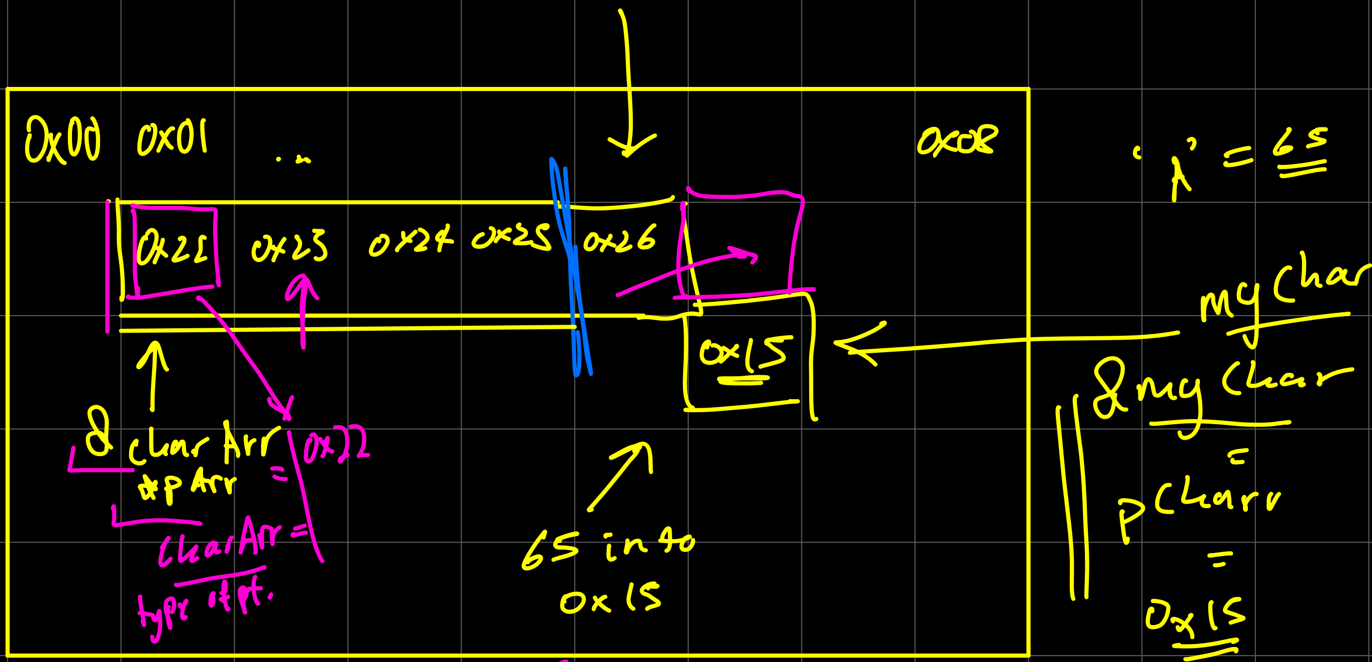
Memories : RAM

ABCE\0

RAM: '\0' string end char



arr[1] = *(0x23) = val in address
der Address

Datatypes: Natives:

32 bytes ← int

floats

char → 1 byte → 0 - 255

Bool ↑ not in C

char myChar;

give me 4 * sizeof(char) → 4 × 1byte = 4bytes

char charArr[4]; size

Key Fundament of

Array vs Pointer.

↓ only store Address of 1 memory space

Pointer ↓ 1 grid

Array Always pass b reference

↓ ? length of string

char * mystr1 [?]

Pointer Arr

Array = Pointer P → q

But

Pointer != Array

q ↛ p

arr [4] x ∈ [0x22 , 0x26]

arr[5]

error out of bounds

there is NO 5th element