

This is the best video ever: <https://www.youtube.com/watch?v=xDVC3wKjS64>

malloc, calloc, realloc, free

Allocate block of memory

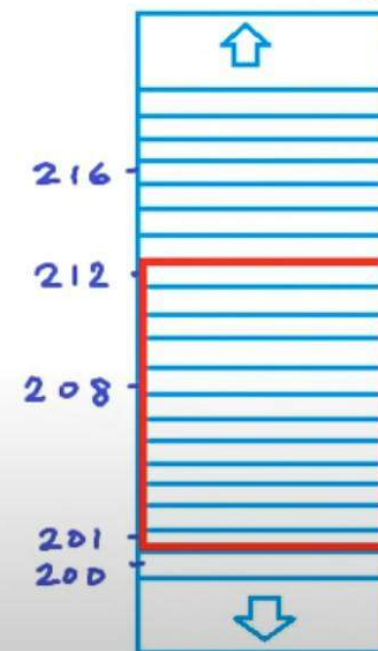
malloc - void* malloc(size_t size)

unsigned
int

calloc - void* calloc(size_t num,
size_t size)

realloc - void* realloc(void* ptr,
size_t size)

Memory (heap)



malloc, calloc, realloc, free

Allocate block of memory

malloc - void* malloc(size_t size) ^{unsigned int}

^{typecasting}

int *P = (int*) malloc(3 * sizeof(int))

Print P // 201

P[0] = 2 ✓

P[1] = 4

P[2] = 6

↑ no. of elements
↑ size of one unit

to go to the next element in the array, you increment the pointer and this is how things

Memory (heap)

