Dinamik Hafıza Yönetimi

```
int  x;                          int boyut;
int* d[100];          →          scanf("%d", &boyt);
                                 int * f[boyt];
```
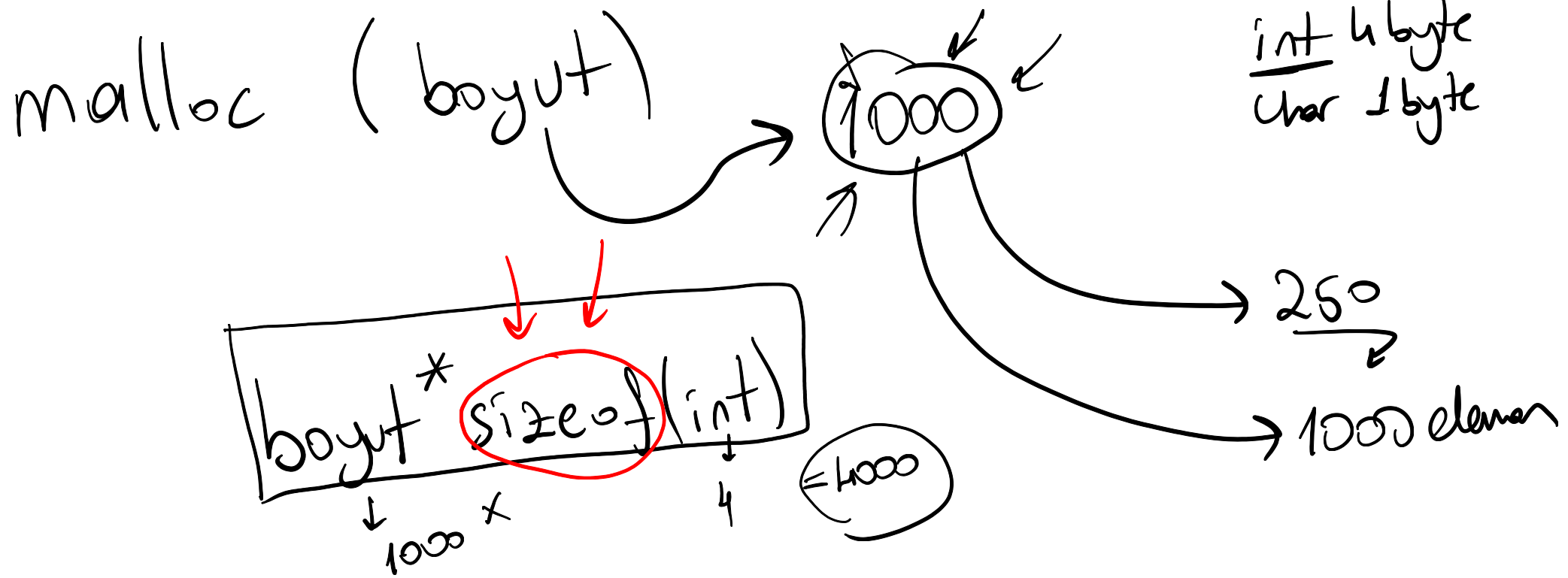Statik hafıza yönetimi

Malloc , calloc , realloc , free

memory allocation   mem. deallocation

void* veya NULL

(int*) → type casting

void*

void*

(char*) → type casting

free(ptr); → memory leak

malloc (boyut) → 1000

int 4 byte
char 1 byte

boyut * $\underline{sizeof(int)}$
  ↓   ↓
1000 x   4   = 4000

→ 250
→ 1000 elemen
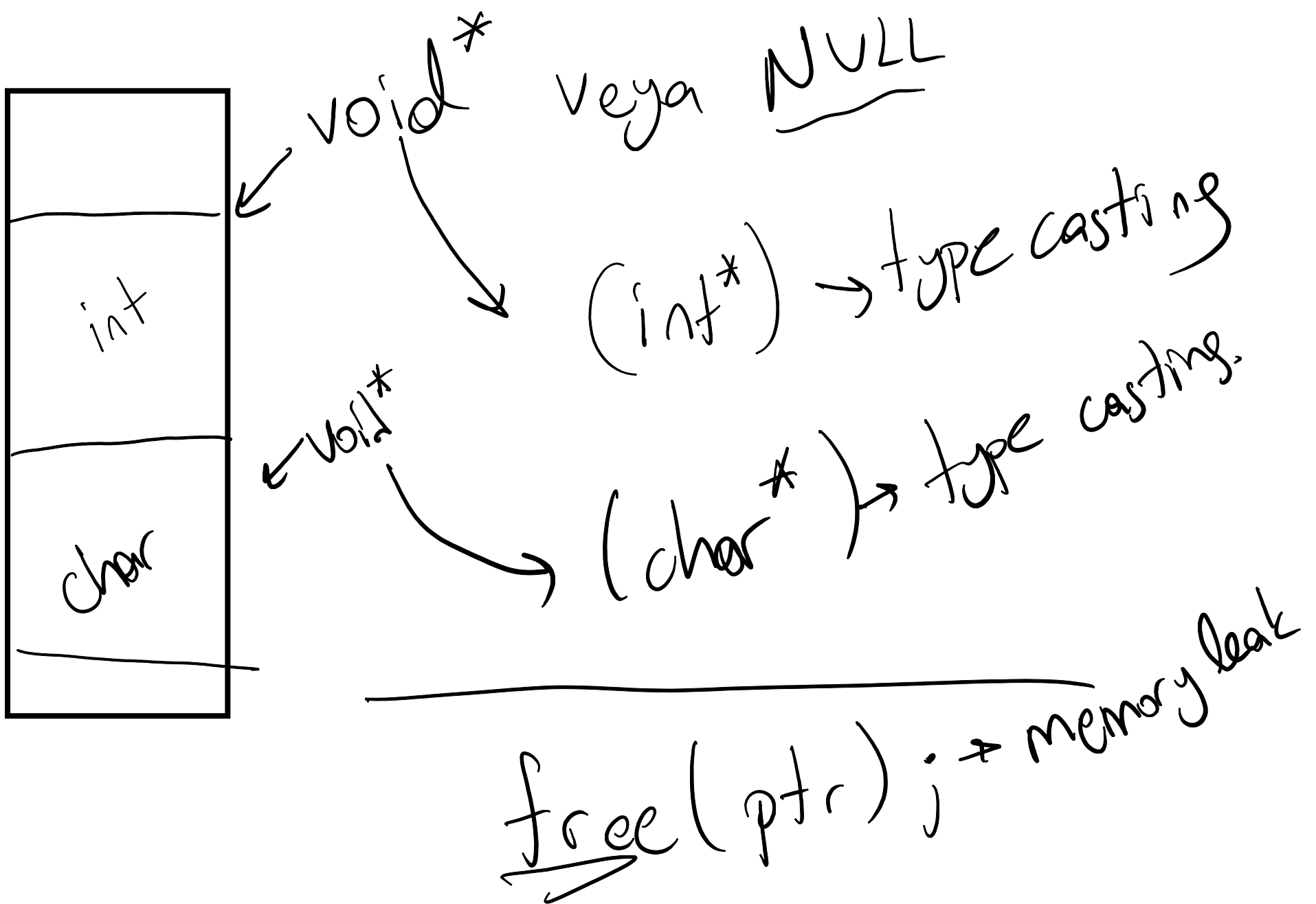
calloc (boyut , sizeof(k)) → 0 ,0 ,0 ,0 ,0
                        int
                        char
                        float

realloc → reallocate

reallocate(ptr , boyut);