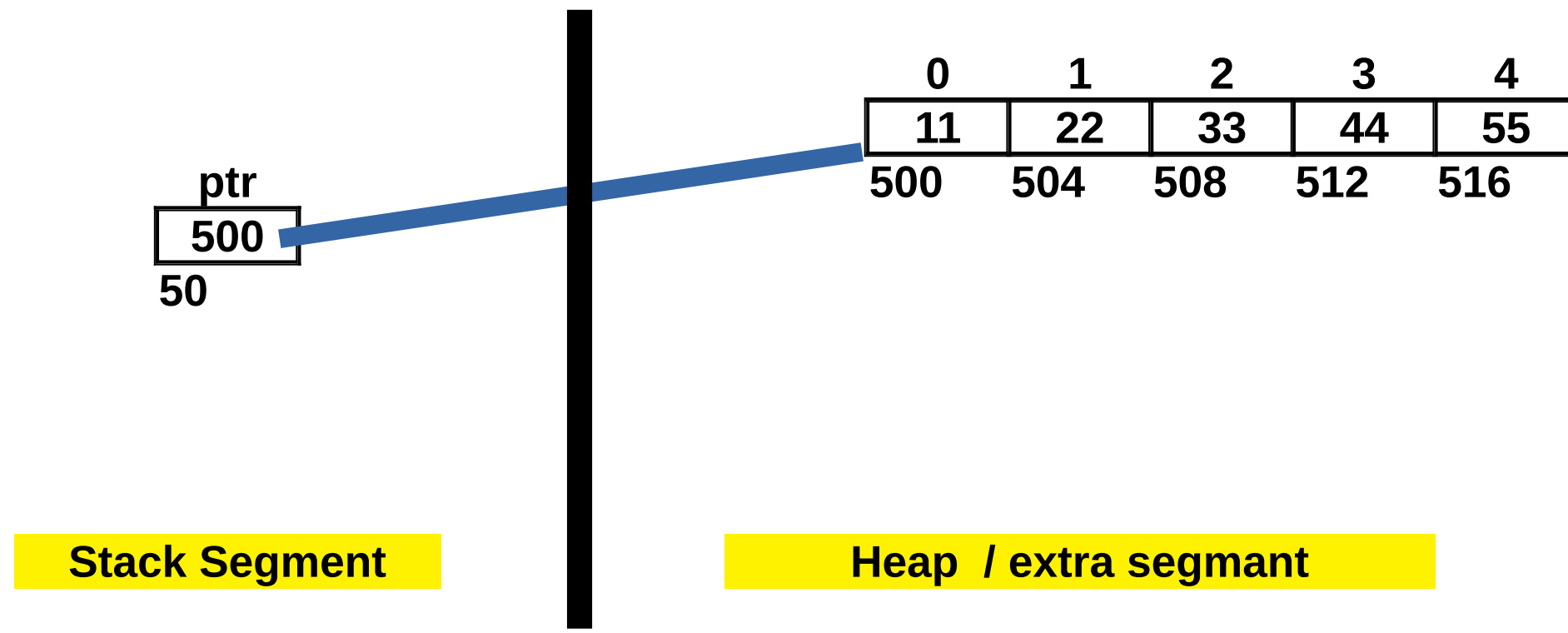
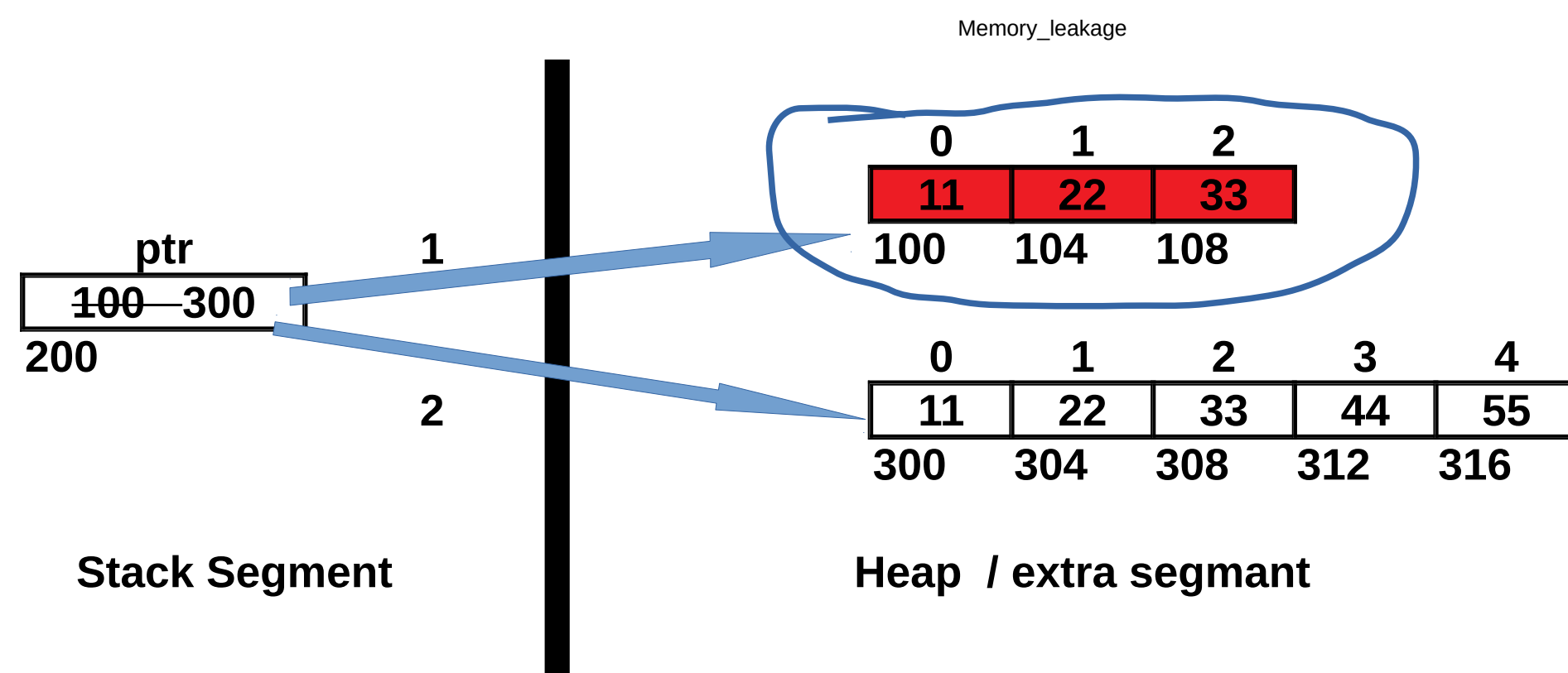


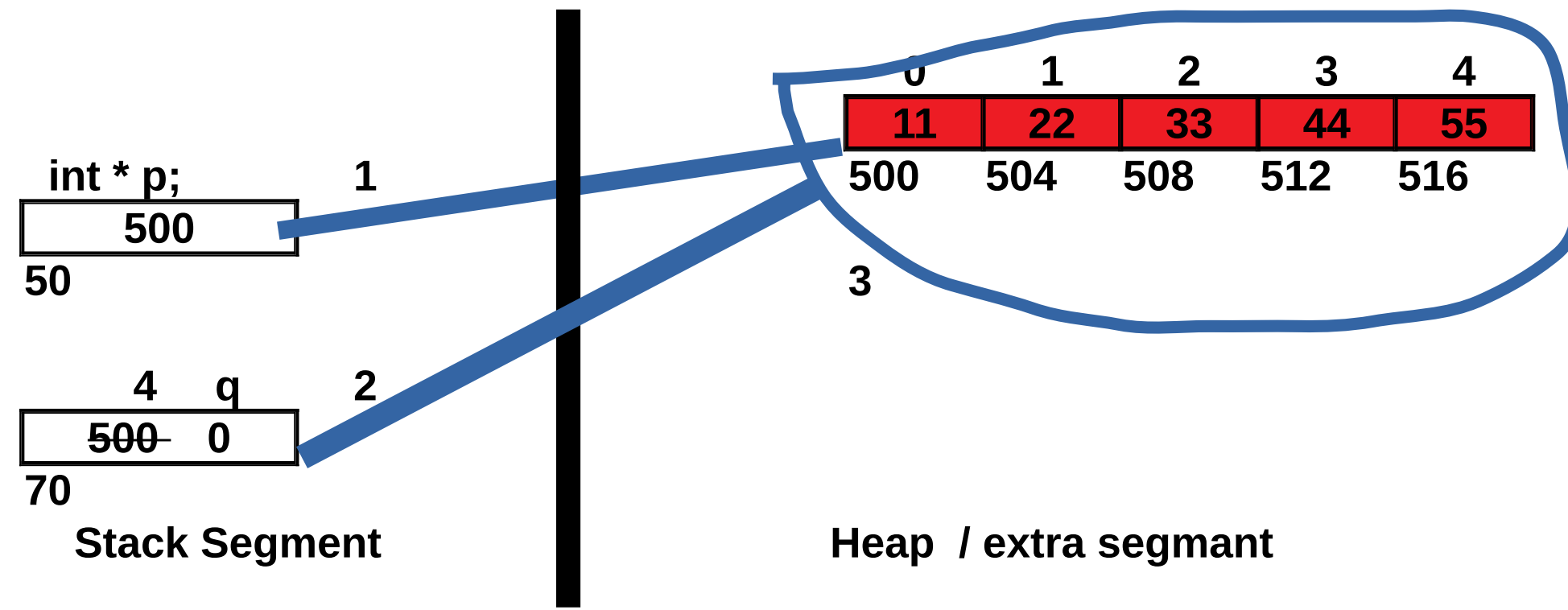
e



e



- 1) `int *ptr= (int*)malloc(sizeof(int)*3);` // allocates 12 bytes
ptr loose address 100 as we allocate new memory on same address
- 2) `ptr= (int*)malloc(sizeof(int)*5);` // allocates 20 bytes



- 1) `int *p=(int*)malloc(sizeof(int)*5);`
- 2) `int *q=p;`
- 3) `free(q);`
- 4) `q=NULL;`
- 5) `p` becomes dangling pointer Memory is not available as freed it by `q`